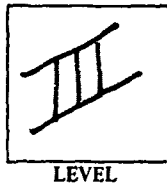


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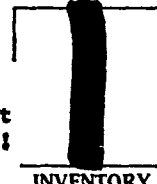
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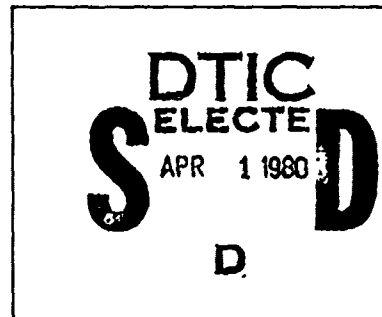
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4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Mountain Home AFB, Mountain Home, Idaho		Final rept.
7 AUTHOR(s)		6 PERFORMING ORG. REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		
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18 SUPPLEMENTARY NOTES		
This supersedes AD-A 072037		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Mountain Home AFB, Mountain Home, Idaho It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Idaho

* Mountain Home, ID

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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USAFETAC/DS-80/24

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

MOUNTAIN HOME AFB ID WBAN# 24106
N 43 03 W 115 52 FLD ELEV 2996 FT MUO WMO #

PARTS A-F

FOR FROM HOURLY OBS: SEP 67 - DEC 70, JAN 73 - AUG 79
FOR FROM DAILY OBS : SEP 51 - AUG 79

HOOR CONVERSION GMT TO LST = -7

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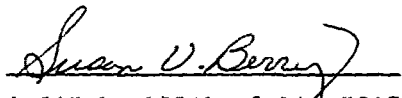
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This technical report has been reviewed and is approved for publication.


SUSAN V. BERRY, 2 LT, USAF
Information Retrieval
Manager

FOR THE COMMANDER


WALTER S. BURGHMANN
Scientific & Technical
Information Officer

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

STATION NO ON SUMMARY 24106	STATION NAME MOUNTAIN HOME AFB IDAHO	LATITUDE N 43 03	LONGITUDE W 115 52	FIELD ELEV (FT.) 2996	CALL SIGN MUO	WMO NUMBER
--------------------------------	---	---------------------	-----------------------	--------------------------	------------------	------------

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BAND.	
1	Mountain Home AFB Idaho	AFB	Sep 51	Sep 66	N 43 03	W 115 51	3004	2992	24
2	Same	Same	Oct 66	Dec 72	Same	W 115 52	2996	2991	24
3	Same	Same	Jan 73	Aug 79	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 51	Located on control tower.	Selsyn	ML-144	65 ft	
2	Mar 56	Located 2500 ft SW of ROS, 750 ft from the NW-SE Rwy.	AN/GMQ-11	RC-2	11 ft	
3	Mar 58	Located between the active runways 1/2 mile from ROS.	Same	Same	10 ft	
4	Apr 60	Located 2500 ft SW of ROS, 750 ft from NW-SE runway.	Same	Same	11 ft	
5	Mar 64	1. Located 600 ft from centerline, 1500 ft in from end runway 12 on right side. 2. Located 500 ft from centerline, 1200 ft in from end runway 30 on left side.	Same	Same	13 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Oct 66	1. Located 554 ft from centerline, 1200 ft from end runway 12. 2. Located 520 ft from centerline, 750 ft from end runway 30.	Same	Same	Same	
7	Mar 69	1. Same 2. Same	Same	RO-362	Same	
8	Nov 70	1. Same 2. Same	AN/GMQ-20	Same	Same	
9	Aug 79	1. Same 2. Same	Same	Same	Same	

FOR REVISIONS

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MAO-0479, 12 01-0075

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WRAW sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2010
STATION

MOUNTAIN HOME AFB ID
STATION NAME

66-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01-02		5.8		5.6		11.1	15.2	.8	.5		16.1	930
	03-06		6.8		7.4		13.5	13.0	.5			13.4	930
	06-08		7.1	.2	9.8		16.7	14.3	1.1	.2		15.5	930
	09-11		6.5	.1	11.2		17.2	12.8	.6	.5		13.9	930
	12-14		4.8	.5	7.4		12.3	7.2	.9	.4		8.1	930
	15-17		5.6	.3	6.6		12.2	4.8	.8	.3		5.6	930
	18-20		4.8		7.5		12.2	6.9	.5	.5		7.5	930
	21-23		5.8	.1	7.2		12.4	12.4	1.5	.1		12.7	930
TOTALS			6.8	.2	7.8		13.4	10.8	.8	.3		11.6	7449

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/AC

WEATHER CONDITIONS

24176 MOUNTAIN HOME AFB ID 66-70,73-79 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.3		4.6		6.0	5.4		.1		6.5	846
	03-05		4.6	.2	7.4		11.8	7.6	.2	.2		8.0	846
	06-08		4.1		7.7		11.3	9.5	.5	.1		9.9	846
	09-11		3.4		7.4		10.8	8.4	.1	.1		8.6	846
	12-14		3.7		4.7		7.9	3.3		.4		3.7	846
	15-17		4.7		4.1		6.4	2.4	.1	.4		2.8	846
	18-20		5.2		4.2		9.2	3.9	.4		.4	4.3	846
	21-23		3.5		3.5		6.9	5.1			.4	5.4	846
TOTALS			4.3	.0	5.4		9.3	5.8	.2	.2	.1	6.2	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

241-6 STATION MOUNTAIN HOME AFB ID 68-70,73-79 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.1	3.9		2.6		6.2	1.3			.2	1.5	930
	03-05		2.6		2.6		5.0	1.6				1.6	929
	06-08		3.8		3.3		6.8	1.9				1.8	930
	09-11		3.7		4.4		7.3	2.4				2.4	930
	12-14	.1	3.7		2.5		5.8	.3			.6	1.0	930
	15-17	.2	4.3		1.4		5.7	.3			.8	1.1	930
	18-20	.1	5.4	.1	1.6		7.0	.2			.4	.6	930
	21-23		4.0		1.6		5.4	.4			.4	.9	930
TOTALS		.1	3.9	.0	2.5		6.2	1.0			.3	1.4	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24176
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70,73-79

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		4.8		1.0		5.1	.7			.6	1.2	897
	03-05		6.0		2.0		7.1	1.2		.1	.1	1.4	898
	06-08		5.7		1.4		6.5	.9				.9	898
	09-11	.1	5.2		1.6		6.1	1.6			.2	1.8	900
	12-14	.3	5.4		1.2		6.1	.1				.1	897
	15-17	.2	4.9		.6		5.4	.2				.2	897
	18-20	.2	4.6		.7		4.9	.3			.3	.7	897
	21-23	.2	4.1		1.2	.1	4.6	.4			.6	1.0	897
TOTALS		.1	5.1		1.2	.0	5.7	.7		.0	.2	.9	7181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24106 STATION MOUNTAIN HOME AFB ID 68-70,73-79 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	2.3				2.3						930
	03-05		3.8				3.8						930
	06-08		3.3				3.3	.2				.2	930
	09-11		4.1				4.1						930
	12-14	.4	4.1		.1	.1	4.2				.2	.2	930
	15-17	.5	3.7		.1		3.7						930
	18-20	1.1	4.2		.2		4.2				.1	.1	929
	21-23	.1	2.5				2.5				.3	.3	930
TOTALS		.3	3.5		.1	.0	3.5	.0			.1	.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24176 STATION MOUNTAIN HOME AFB ID 68-79, 73-79 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.6	3.6				3.6	.3	.1			.4	900
	03-05	.4	3.6				3.6	.4				.4	900
	06-08		3.6				3.6	.2				.2	900
	09-11	.1	3.9				3.9	.2				.2	900
	12-14	.8	4.1				4.1	.2			.1	.3	900
	15-17	1.2	4.0				4.0	.1				.1	900
	18-20	1.2	4.3				4.3				1.1	1.1	900
	21-23	1.4	4.2				4.2		.2		.4	.7	900
TOTALS		.7	3.9				3.9	.2	.0		.2	.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24156 STATION MOUNTAIN HOME AFB ID 68-70,73-79 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.6	2.0				2.3						930
	03-05	.8	2.5				2.5						930
	06-08	.5	2.2				2.2						930
	09-11	.4	1.8				1.8						930
	12-14	.3	1.3				1.3				.1	.1	930
	15-17	1.1	1.4				1.4				.3	.3	930
	18-20	1.5	1.7				1.7				.3	.3	930
	21-23	1.6	2.3				2.3				.3	.3	930
TOTALS		.9	1.9				1.9				.1	.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24176
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		1.5				1.5	.2	.1		.1	.4	930
	03-05	.2	2.5				2.5				.1	.1	930
	06-08	.3	3.0				3.0	.5				.5	930
	09-11	.3	3.5				3.5	.3				.3	930
	12-14	.2	2.5				2.5						930
	15-17	1.2	2.9				2.9				.1	.1	929
	18-20	.9	2.4				2.4	.1			.3	.4	927
	21-23	.9	1.8				1.8						927
TOTALS		.5	2.5				2.5	.1	.0		.1	.2	7433

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24106 STATION MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.6				1.6	.2			.2	.4	900
	03-05	.2	3.1				3.1	.9				.9	900
	06-08	.1	3.1				3.1	.2				.2	900
	09-11	.2	2.8				2.8						900
	12-14	.2	2.8				2.8		.1			.1	900
	15-17	.2	2.3				2.3						900
	18-20	1.1	2.7				2.7				.3	.3	900
	21-23	.2	2.8				2.8				.3	.3	900
TOTALS		.3	2.7				2.7	.2	.0		.1	.3	7200

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24176 STATION MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		4.6		.1		4.6	.9				.9	930
	03-05		5.1		.4		5.1	1.6				1.6	930
	06-08		3.7		.3		3.7	1.6				1.6	930
	09-11		4.3		.2		4.4	1.0				1.0	930
	12-14		4.0		.2		4.0				.1	.1	930
	15-17		3.2		.1		3.2				.1	.1	930
	18-20		4.1				4.1	.3			.4	.8	930
	21-23		4.1				4.1	.6				.6	930
TOTALS		.0	4.1		.2		4.2	.8			.1	.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24176 STATION MOUNTAIN HOME AFB ID 67-70,73-78 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		0.1	.3	1.4		7.4	5.2		.1		5.3	900
	03-05		5.8		2.0		8.6	7.2				7.2	900
	06-08		6.4		2.6		8.8	7.9		.1		8.0	900
	09-11		5.1	.2	3.6		9.8	6.1		.3	.2	6.7	900
	12-14		5.1		3.5		8.9	1.9		.3		2.2	900
	15-17		4.0		2.8		7.6	1.1		.4		1.6	900
	18-20		5.6	.2	2.2		8.1	2.6	.1	.3		2.9	900
	21-23		8.0	.1	1.7		9.6	3.8	.2	.1		3.9	900
TOTALS			6.1	.1	2.5		8.6	4.5	.0	.2	.0	4.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

24106 STATION MOUNTAIN HOME AFB ID STATION NAME 67-70,73-78 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		4.1		6.1		9.8	7.8	.3	.2		8.3	930
	03-05		4.7	.2	6.9		11.0	9.1	1.1	.4		10.2	93
	06-08		4.4	.3	7.7		11.9	9.1	.4	.6		10.0	930
	09-11		4.2	.1	4.8		8.9	6.8	.1	.1		7.0	930
	12-14	.1	4.2	.1	5.1		8.6	4.2				4.2	930
	15-17		4.7	.1	4.8		9.4	3.9				3.9	929
	18-20		5.6		5.0		9.9	5.0				5.0	927
	21-23		5.7		5.7		10.9	5.8				5.8	927
TOTALS		.0	4.7	.1	5.8		10.1	6.5	.2	.2		6.8	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

WEATHER CONDITIONS

241 6 STATION MOUNTAIN HOME AFB ID 67-70, 73-79 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		0.0	.2	7.8		13.4	10.8	.8	.3		11.6	7440
FEB			4.3	.0	5.4		9.3	5.8	.2	.2	.1	6.2	6766
MAR		.1	3.9	.0	2.5		6.2	1.0			.3	1.4	7439
APR		.1	5.1		1.2	.0	5.7	.7		.0	.2	.9	7161
MAY		.3	3.5		.1	.0	3.5	.0			.1	.1	7439
JUN		.7	3.9				3.9	.2	.0		.2	.4	7205
JUL		.9	1.9				1.9				.1	.1	7440
AUG		.5	2.5				2.5	.1	.0		.1	.2	7433
SEP		.3	2.7				2.7	.2	.0		.1	.3	7200
OCT		.0	4.1		.2		4.2	.8			.1	.8	7440
NOV			6.1	.1	2.5		8.6	4.5	.0	.2	.0	4.7	7200
DEC		.0	4.7	.1	5.8		10.1	6.5	.2	.2		6.8	7433
TOTALS		.2	4.1	.0	2.1	.0	6.0	2.6	.1	.1	.1	2.8	87613

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

24136 MOUNTAIN HOME AFB ID 51-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		26.1	2.4	41.1		56.6	30.9	3.5	1.2		32.9	868
FEB		.1	30.1	1.1	30.5	.3	48.7	19.0	1.3	1.5	.1	20.7	791
MAR		1.3	32.0	.1	21.8	.8	42.5	6.0		.3	.3	6.6	868
APR		2.5	33.7		5.9	1.2	36.0	3.1		.1	.4	3.6	839
MAY		6.9	34.4		1.9	1.2	34.8	1.7	.1		1.0	2.9	858
JUN		11.1	33.1			1.1	33.2	1.3	.1		.2	1.7	840
JUL		8.8	17.2			.5	17.3		.1		.7	.8	868
AUG		8.3	17.7			.2	17.7	.5	.1		1.2	1.7	868
SEP		4.4	18.3		.1		18.3	1.4	.6		1.0	3.0	840
OCT		1.6	25.5		2.2	.2	26.3	4.0	.5	.1	.8	5.3	868
NOV		.6	33.7	.8	14.4	.4	40.7	14.5	.6	.5	.1	15.0	840
DEC		.2	28.1	2.5	34.9	.1	51.3	27.8	3.1	1.3		29.1	868
TOTALS		3.8	27.7	.6	13.0	.5	35.3	9.2	.8	.4	.5	10.3	10216

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

24106
STATIONMOUNTAIN HOME AFB ID
STATION NAME51-79
YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	06-10	11-25	26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.4	25.0	5.2	11.6	5.4	6.5	3.3	.6						32.6	868	1.06	2.92	.18
FEB	50.2	25.2	4.8	7.5	4.6	5.4	2.4							24.7	791	.65	1.86	.14
MAR	55.9	20.7	4.5	7.3	3.9	6.2	1.4	.1						23.4	868	.64	1.74	TRACE
APR	63.0	16.2	2.1	6.7	5.0	5.4	1.4	.2						20.8	840	.65	1.92	.07
MAY	63.9	16.8	3.0	7.3	2.9	3.6	1.6	.8						19.3	858	.69	2.15	.06
JUN	65.2	15.3	3.9	5.0	3.5	3.3	2.3	1.3	.2					19.5	839	.87	2.21	TRACE
JUL	81.7	12.1	1.4	1.3	.8	1.2	1.4	.2						6.2	867	.30	1.70	TRACE
AUG	81.1	10.7	1.7	2.2	1.5	1.6	.7	.3	.1					8.2	868	.37	3.34	.00
SEP	81.0	8.9	1.5	3.5	1.1	2.1	1.4	.5						10.1	840	.39	1.62	.00
OCT	73.3	12.9	2.0	5.0	2.8	3.0	1.0	.1						13.8	868	.41	1.64	.00
NOV	58.5	15.4	3.1	9.2	5.1	6.1	2.4	.4						26.2	840	.85	2.08	.10
DEC	48.0	22.8	4.6	11.3	4.3	6.3	2.3	.3						29.1	868	.86	1.95	TRACE
ANNUAL	63.7	16.8	3.1	6.5	3.4	4.2	1.8	.4	.0					19.5	10215	7.74		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID

51-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51									TRACE	.32	.19	.34	
52	.63	.29	.48	.20	.67	.70	.29	TRACE	TRACE	.00	.22	.18	.70
53	.65	.22	.11	.48	.88	.61	.44	.02	.30	.06	.32	.27	.88
54	.26	.14	.26	.16	.16	.69	TRACE	.06	.02	.48	.20	.32	.69
55	.37	.34	.20	.30	.55	.16	.03	TRACE	.05	.12	.41	.38	.55
56	.41	.26	.11	.06	.30	.10	.10	.01	TRACE	.42	.16	.45	.45
57	.25	.45	.40	.12	.49	.08	.01	.01	.13	.13	.35	.59	.59
58	.42	.28	.23	.48	.34	.69	.19	.27	.02	TRACE	.33	.18	.69
59	.21	.22	.13	.13	.36	.08	.03	.11	.52	.21	.08	.40	.52
60	.21	.50	.64	.07	.12	TRACE	.19	.11	.17	.16	.49	.17	.64
61	.15	.26	.43	.10	.02	.07	.30	.02	.65	.18	.12	.45	.65
62	.23	.23	.30	.14	.87	.19	TRACE	.20	.22	.15	.33	.08	.87
63	.61	.31	.07	.26	.35	.60	TRACE	.04	.16	.07	.61	.24	.61
64	.35	.13	.08	.25	.74	.56	.01	TRACE	.34	.03	.17	.58	.74
65	.46	.14	TRACE	.37	.21	.53	.13	.67	.12	.13	.59	.25	.67
66	.12	.18	.16	.45	.16	.24	.06	TRACE	.02	.02	.28	.32	.45
67	.27	.19	.50	.30	.30	.60	.07	.08	.04	.10	.42	.30	.60
68	.14	.31	.14	.11*	.86	1.13	TRACE	.93	.03	.26	.75	.60	1.13
69	.20	.16	.23	.84	.04	.45	.02	.00	.13	.19	.17	.34	.84
70	.64	.06	.20	.24	.10	.50	.47	1.29	.46	.17	.44	.31	1.29
71	.50	.13	.26	.15	.08	1.40	TRACE	.05	.33	.12	.36	.36	1.40
72	.33	.12	.30	.22	.31*	.62*	.01	.15	.55	.48	.35	.33	* .62
73	.22	.21	.06	.33	.15	.05	.35	.09	.36	.34	.23	.36	.36
74	.29	.12	.31	.45	.06	.31	.01	.10	.00	.35	.12	.27	.45
75	.21	.25	.12	.16	.11	.44	.46	.01	TRACE	.62	.20	.13	.62
76	.30	.33	.26	.52	.10	.44	.31	.30	.52	.17	.10	TRACE	.52
77	.12	.15	.10	.08	.24	.23	.81	.50	.11	.01	.29	.24	.81
78	.40	.44	.18	.40	.18	.10	.56	.19	.39	TRACE	.28	.12	.56
79	.50	.34	.17	.23	.07	.09	.05	.10					
MEAN	.338	.241	.230	.271	.295	.409	.181	.190	.201	.189	.306	.306	.686
S. D.	.163	.109	.150	.178	.251	.340	.216	.307	.202	.164	.164	.147	.240
TOTAL OBS.	868	791	868	840	858	839	867	868	840	868	840	868	10215

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

51-79
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51										TRACE	.99	.70	1.15	
52		1.22	1.06	1.12	.39	1.57	1.27	.38	TRACE	TRACE	.00	.28	.37	7.66
53		1.62	.45	.36	.71	2.12	1.60	.44	.02	.30	.09	.49	1.00	9.20
54		.51	.19	.67	.22	.16	1.19	TRACE	.11	.02	.48	.61	.41	4.57
55		1.06	.47	.68	1.08	1.14	.49	.03	TRACE	.05	.23	1.31	1.09	7.63
56		2.36	.38	.29	.07	1.33	.30	.10	.02	TRACE	1.00	.17	.76	6.78
57		.43	1.16	1.23	.36	1.64	.15	.01	.01	.13	.45	.77	1.43	7.77
58		.88	.87	.81	.99	.60	1.68	.43	.27	.03	TRACE	.66	.41	7.63
59		.75	.51	.35	.24	1.20	.16	.03	.28	1.62	.44	.10	.75	6.43
60		.83	1.18	1.17	.11	.52	TRACE	.31	.14	.22	.34	1.32	.22	6.36
61		.18	.56	1.17	.17	.07	.14	.42	.07	.95	.55	.37	.74	5.39
62		.78	.66	.76	.41	2.15	.29	TRACE	.47	.28	.25	1.03	.13	7.21
63		1.12	1.15	.08	1.03	.67	1.72	TRACE	.04	.33	.20	1.98	.72	9.04
64		.95	.19	.25	.67	1.02	1.72	.03	TRACE	.34	.05	1.00	1.95	8.37
65		1.75	.33	TRACE	1.46	.40	.94	.16	1.27	.24	.13	1.37	.48	8.53
66		.31	.54	.63	.51	.25	.35	.06	TRACE	.03	.02	.77	.87	4.34
67		1.10	.32	.79	.91	.65	2.07	.08	.08	.10	.25	.94	.54	7.83
68		.36	1.48	.35	.22*	1.12	1.23	TRACE	3.34	.04	.59	1.70	1.23	*11.66
69		1.01	.50	.46	.99	.08	.98	.02	.00	.27	.51	.30	1.33	6.45
70		2.92	.14	.79	.79	.36	2.21	1.25	1.68	.48	.35	2.08	.81	13.86
71		1.40	.22	1.02	.42	.27	2.16	TRACE	.06	.68	.41	1.33	.97	8.94
72		1.47	.52	.85	.44	.40*	1.60*	.01	.21	1.05	.73	.76	1.41	* 9.45
73		.61	.41	.20	.63	.37	.10	.47	.09	.65	.48	1.08	1.55	6.64
74		.79	.18	1.74	.67	.06	.37	.02	.11	.00	1.07	.42	1.27	6.70
75		.51	1.01	.59	.80	.18	.53	.57	.02	TRACE	1.64	.45	.62	6.92
76		1.08	.92	.34	1.10	.27	.69	.92	.74	1.31	.18	.10	TRACE	7.65
77		.25	.21	.16	.09	.58	.60	1.70	.67	.28	.02	.93	1.62	7.17
78		1.83	1.86	.69	1.92	.33	.26	.57	.27	1.38	TRACE	.77	.25	10.13
79		1.59	.75	.41	.52	.26	.20	.05	.36					
MEAN		1.060	.651	.641	.647	.691	.869	.298	.369	.385	.409	.850	.860	7.568
S.D.		.643	.437	.407	.441	.615	.712	.421	.706	.467	.391	.532	.495	1.889
TOTAL OBS.		868	791	868	840	858	839	867	868	840	868	840	868	10215

NOTE * (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

24106

MOUNTAIN HOME AFB ID

51-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	58.1	25.9	7.9	5.6	.9	.9	.2	.1	.2					16.0	868	4.3	18.5	TRACE
FEB	69.0	22.6	3.7	2.9	.6	.9	.1		.1					8.3	791	2.4	13.5	TRACE
MAR	77.9	16.6	2.5	2.0	.7	.2		.1						5.5	868	1.5	8.9	TRACE
APR	90.4	8.3	.5	.6	.1	.1								1.3	840	.4	3.8	.0
MAY	97.8	2.2													858	TRACE	TRACE	.0
JUN	99.9	.1													839	TRACE	TRACE	.0
JUL	100.0														867	.0	.0	.0
AUG	100.0														868	.0	.0	.0
SEP	99.9		.1											.1	840	TRACE	.1	.0
OCT	98.0	1.7		.2										.2	868	.1	2.1	.0
NOV	85.5	10.2	1.7	2.0	.4	.1		.1						4.3	840	1.1	7.7	TRACE
DEC	64.2	23.4	5.9	4.4	2.4	.6	.1	.1						12.4	868	3.1	10.1	TRACE
ANNUAL	86.7	9.2	1.9	1.5	.3	.2	.0	.0	.0					4.0	10215	12.9	X	X

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

24126 MOUNTAIN HOME AFB ID
STATION STATION NAME

51-79

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH: YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
51									.0	.0	TRACE	4.2	
52	8.7	3.0	4.7	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.1	8.7
53	TRACE	TRACE	1.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.4	1.4
54	.9	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	.9
55	3.1	.4	1.0	1.4	.0	.0	.0	.0	.0	TRACE	2.8	2.7	3.1
56	3.0	2.6	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.0
57	2.5	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	5.0	5.0
58	4.0	2.5	TRACE	.1	.0	.0	.0	.0	.0	.0	.1	TRACE	4.0
59	.4	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
60	2.0	.7	.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
61	TRACE	1.0	1.4	.0	TRACE	.0	.0	.0	.0	TRACE	.5	2.5	2.5
62	2.3	.2	3.0	TRACE	.0	.0	.0	.0	.0	.0	1.5	TRACE	3.0
63	5.6	TRACE	TRACE	2.6	.0	.0	.0	.0	.0	.0	1.0	1.5	5.6
64	3.5	1.3	.7	.4	TRACE	.0	.0	.0	.0	.0	1.1	1.8	3.5
65	3.2	.6	TRACE	TRACE	TRACE	.0	.0	.0	.1	.0	TRACE	1.7	3.2
66	.5	3.1	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.2	3.2
67	1.0	2.5	TRACE	2.3	TRACE	.0	.0	.0	.0	.0	1.6	2.7	2.7
68	1.4	.8	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.1	2.5	2.5
69	.2	1.3	.2	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.8	1.3
70	.3	TRACE	.4	.5	.0	.0	.0	.0	.0	TRACE	.4	1.0	1.0
71	.7	TRACE	1.5	TRACE	TRACE	.0	.0	.0	.0	1.2	TRACE	2.0	2.0
72	1.6	1.0	1.9	TRACE	.0*	.0*	.0	.0	.0	TRACE	1.0	2.4	2.4
73	1.9	.2	.3	TRACE	.0	.0	.0	.0	.0	.0	1.2	2.1	2.1
74	1.0	.4	2.0	TRACE	.0	.0	.0	.0	.0	TRACE	.6	1.1	2.0
75	2.5	1.5	TRACE	.6	TRACE	.0	.0	.0	.0	TRACE	1.0	.9	2.5
76	2.3	3.5	2.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.5
77	1.2	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	4.8	1.2	4.8
78	.8	8.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.7	.7	8.1
79	2.9	1.0	.6	TRACE	TRACE	.0	.0	.0					
MEAN	2.05	1.39	.84	.28	TRACE	TRACE	.00	.00	.00	.04	.66	1.57	3.20
S.D.	1.882	1.678	1.128	.682	.000	.000	.000	.000	.017	.227	1.061	1.265	1.983
TOTAL OBS.	868	791	868	840	858	839	867	868	840	868	840	868	10215

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

51-79

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	MONTH	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC	ALL MONTHS
51										.0	.0	TRACE	10.1	
52		18.5	8.9	8.9	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.1	36.4
53		TRACE	TRACE	1.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	4.2	5.3
54		.9	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.7	1.9
55		6.9	.4	1.0	1.4	.0	.0	.0	.0	.0	TRACE	7.7	4.5	21.9
56		11.1	3.3	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	17.8
57		3.2	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	7.5	14.5
58		4.5	2.5	TRACE	.1	.0	.0	.0	.0	.0	.0	.1	TRACE	7.2
59		.6	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.8
60		5.4	1.4	.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	7.2
61		TRACE	1.1	1.9	.0	TRACE	.0	.0	.0	.0	TRACE	1.0	4.1	8.1
62		6.9	.2	5.8	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	14.9
63		7.8	TRACE	TRACE	3.8	.0	.0	.0	.0	.0	.0	1.0	4.4	17.0
64		8.2	1.9	1.7	.4	TRACE	.0	.0	.0	.0	.0	3.7	2.6	18.5
65		8.5	1.4	TRACE	TRACE	TRACE	.0	.0	.0	.1	.0	TRACE	2.3	12.3
66		1.1	5.5	.5	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	10.7
67		1.1	2.5	TRACE	2.3	TRACE	.0	.0	.0	.0	.0	1.2	4.7	12.4
68		3.4	2.5	.1	TRACE	*TRACE	.0	.0	.0	.0	.0	.1	4.7	* 10.8
69		.3	1.3	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.9	3.8
70		.3	TRACE	.7	.7	.0	.0	.0	.0	.0	TRACE	.4	2.2	4.3
71		1.1	TRACE	2.5	TRACE	TRACE	.0	.0	.0	.0	2.1	TRACE	6.8	12.5
72		2.6	2.2	2.6	TRACE	.0*	.0*	.0	.0	.0	TRACE	1.0	7.5	* 15.9
73		2.8	.3	.5	TRACE	.0	.0	.0	.0	.0	.0	3.6	3.6	10.8
74		2.6	.5	7.0	TRACE	.0	.0	.0	.0	.0	TRACE	.6	1.9	12.6
75		4.1	3.6	TRACE	1.1	TRACE	.0	.0	.0	.0	TRACE	1.9	1.7	12.4
76		5.3	6.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.8
77		2.1	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	4.8	3.1	11.0
78		.8	13.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.7	2.2	17.2
79		11.5	1.4	.7	TRACE	TRACE	.0	.0	.0					
MEAN		4.34	2.35	1.48	.35	TRACE	TRACE	.00	.00	.00	.08	1.09	3.12	12.33
S D		4.357	3.070	2.269	.863	.000	.000	.000	.000	.017	.397	1.832	2.575	7.262
TOTAL OBS.		868	791	868	840	858	839	867	868	840	868	840	868	10215

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID

51-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	67.5	13.9	9.7	4.7	1.6	1.6	.9							18.5	868			
FEB	81.0	9.7	3.5	2.1	1.3	2.1	.1							9.2	791			
MAR	93.7	3.7	1.5	.8	.1	.2								2.6	868			
APR	99.3	.5	.2											.2	840			
MAY	100.0														858			
JUN	100.0														840			
JUL	100.0														868			
AUG	100.0														868			
SEP	100.0														840			
OCT	99.9		.1											.1	868			
NOV	96.0	2.1	1.3	.2	.4									1.9	840			
DEC	77.8	9.1	6.7	4.1	.6	1.7								13.1	868			
ANNUAL	92.9	3.2	1.9	1.0	.3	.5	.1							3.8	10217			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID

51-79

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
51										0	0	0	5
52	12	5	6	0	0	0	0	0	0	0	0	0	12
53	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	0	0	2
54	1	0	0	0	0	0	0	0	0	0	0	0	1
55	3	2	1	1	0	0	0	0	0	0	0	3	3
56	3	3	TRACE	0	0	0	0	0	0	0	0	TRACE	1
57	2	3	TRACE	0	0	0	0	0	0	0	0	0	3
58	3	TRACE	0	0	0	0	0	0	0	0	0	0	3
59	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	1
60	2	1	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
61	0	0	0	0	0	0	0	0	0	0	0	1	2
62	5	TRACE	2	0	0	0	0	0	0	0	0	1	5
63	4	0	0	0	0	0	0	0	0	0	0	0	4
64	4	0	0	0	0	0	0	0	0	0	0	1	4
65	4	1	0	0	0	0	0	0	0	0	0	0	4
66	2	3	0	0	0	0	0	0	0	0	0	0	3
67	1	3	0	0	0	0	0	0	0	0	0	1	4
68	1	1	0	0*	0	0	0	0	0	0	0	1	2
69	1	1	0	0	0	0	0	0	0	0	0	0	2
70	1	0	0	TRACE	0	0	0	0	0	0	0	0	TRACE
71	1	TRACE	1	0	0	0	0	0	0	0	1	TRACE	2
72	2	TRACE	1	0	0	0	0	0	0	0	0	0	6
73	1	0	0	0	0	0	0	0	0	0	0	1	1
74	2	0	3	0	0	0	0	0	0	0	0	TRACE	2
75	3	1	0	1	0	0	0	0	0	0	0	TRACE	1
76	2	1	4	0	0	0	0	0	0	0	0	0	4
77	TRACE	TRACE	1	0	0	0	0	0	0	0	0	3	TRACE
78	1	7	TRACE	0	0	0	0	0	0	0	0	1	7
79	4	4	1	0	0	0	0	0	0	0	0	0	0
MEAN	2.3	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.5	1.6	3.4
S.D.	2.358	1.823	1.436	.262	.000	.000	.000	.000	.000	.189	.838	1.521	2.299
TOTAL OBS.	868	791	868	840	858	840	868	868	840	868	840	868	10217

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hr groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24176 MOUNTAIN HOME AFB ID
STATION STATION NAME

51-79
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
51									W	44SW *48WSW 40WSW 69			
52	E	31W	35W	38W	39SW 43SW	45WSW*49NW	37W	45NW *23					
53				NNW	43WNW 42SW	49NW 33NW	47WSW	45WNW 45NNW	45NW 35				
54	WSW 49NW	46WNW	42NW	43WSW 50W	42WSW 45WNW	38NW	42NW	50W	46NNW	47	WSW 50		
55	E	38NW	45NW	46NW	47E	47NW	49ESE 40WNW	35NW	36W	32WNW 32S	35	NW 49	
56	W	42E	33NNW	41NW	*39NW *32NW	*40NW	37WNW	32NNW	36SW	27NW	37WNW	35	W 42
57	SE	26SW	26NW	35NW	36NW	30S	42SE	36S	33NW	33NW	*25NNW	32W	27 S 42
58	NW	25SSW	39E	30E	37W	35SSW	47NNW	40SW	29NW	35WNW	51WNW	31ESE	29 WNW 51
59	NW	35NW	40NW	38NNW	36NW	37W	35SE	36W	38W	30NW	35NW	44NW	43 NW 44
60	ESE	31E	35NNW	50WNW	35NNW	42NW	30N	33NW	*45SE	35WNW	36NW	42ESE	32 NNW 50
61	ESE	30NW	42NNW	36NW	40NW	40S	40W	32NW	43NW	47NW	*44NW	*40W	46 NW 47
62	E	38E	34NNW	44NW	59NW	*41SSW	45W	40NW	43NW	*32NNW	33ESE	30ESE*26	NW 59
63	NW	45NW	*39NNW*42NW	*49NNW*36NW	36W	*42SW	*30ESE	*30NNW*35WNW*36ESE	38				NW *49
64	NNW	35NNW	46WNW	45NW	46W	45WNW	41N	*40NW	*43NNW	36NNW*35SE	*33WSW	40	NNW 46
65	ESE	39NW	39NW	42NW	28NNW	44WNW	36NW	44WSW	38NNW	41NNW	34ESE	36ESE	34 NNW 44
66	WNW	42NNW	41NW	38NW	42NNW	48WNW	38WSW	39WSW	61WNW	46W	43W	43WSW	38 WSW 61
67	NW	47WNW	38NW	41NW	43SSW*49WNW*37SW	47NW	28N	35NW	40W	37ESE	34	SSW*49	
68	NW	37E	28W	43NW	43NW	*43NW	4833/	5135/	3632/	3929/	3329/	3910/	39 33/ 51
69	32/	4510/	3529/	4234/	4734/	38 8/	3933/	3633/	4132/	3732/	3630*	3232/	37 34/ 47
70	26/	4433/	3232/	4032/	4233/	4510/	4013/	4021/	5934/	4232/	3912/	4012/	50 21/ 59
71	12/	3129/	4333/	6213/	4132/	4729/	3632/	4533/	5431/	3731/	4233/	3812/	40 33/ 62
72	29/	4627/	4230/	4533/	4534/	3717/	4632/	3817/	4033/	3229/	3332/	3232/	40 29/ 46
73	32/	3311/	3931/	4033/	3827/	3528/	3418/	3718/	2932*	3634/	4832/	3231/	40 34/ 48
74	11/	4010/	3934/	3933/	4633/	3820/	4931/	4631/	2833/	4533/	4730/	3431/	48 31/ 48
75	29/	3532/	3830/	5431/	3833/	4528/	39 8/	4015/	3430/	3412/	3628/	4431/	39 30/ 54
76	29/	3830/	4432/	4632/	4433/	4633/	4030/	4127/	4017/	3731/	3131/	3430/	26 32/ 46
77	32/	2927/	3833/	6234/	4035/	3934/	4227/	3633/	3627/	3432/	3533/	3824/	41 33/ 62
78	11/	3210/	3822/	4029/	4032/	4633/	4132/	3633/	4631/	3932/	3129/	3133/	42 32/ 46
79	11/	3031/	3331/	3832/	3626/	3833/	4334/	3329/	36				
MEAN	36.8	38.0	43.0	41.3	41.6	41.1	39.3	39.2	38.5	38.0	37.3	39.4	51.6
S.D.	6.664	5.138	7.362	5.683	5.061	4.874	4.845	8.805	4.849	6.779	5.074	8.509	6.779
TOTAL OBS.	831	758	825	814	830	825	852	853	813	818	780	827	9826

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/740

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 c STATION MOUNTAIN HOME AFB ID 62-73, 73-79 YEARS JAN MONTH
STATION NAME CLASS ALL WEATHER
CONDITION

WIND (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.3	.2	.1								1.3	5.4
NNE	1.2	.2										1.4	2.5
NE	1.7	.5										1.5	3.1
ENE	.4	.9										1.3	3.3
E	1.9	4.7	4.3	1.9	.4							13.2	7.3
ESE	1.0	5.7	7.1	7.5	2.7	.1						23.4	10.1
SE	.6	1.4	1.7	2.6	.4							6.8	9.8
SSE	.5	.5	.9	1.2								3.0	8.7
S	.7	.1	.3									.6	5.7
SSW	.1	.2										.3	3.7
SW	.3	.2										.5	3.0
WSW	.4	.1		.1								.6	4.0
W	1.3	1.4	.1	.1								2.9	4.1
WNW	1.7	1.9	.3	.4								4.4	4.7
NW	1.0	1.9	1.3	2.3								6.5	8.3
NNW	.6	1.1	.3	.3	.1							2.5	6.1
VARBL													
CALM												29.1	
	12.9	21.3	17.1	16.5	3.6	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

041 c	CONTAIN F E AFS ID
STATION	STATION NAME

63-72, 73-79

11

SONY

ALL - EARTH-

^375-2570

FOUR (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.2		.2							1.7	5.8
NNE	.8	.1										.9	2.4
NE	1.2	.4										1.6	2.7
ENE	1.2	.4	.1									1.7	3.4
E	3.2	4.4	4.6	2.3	.6							16.0	7.0
ESE	1.6	3.2	6.5	5.9	1.9	.1						19.7	10.0
SE	.5	1.6	2.2	4.0	.5							8.8	12.6
SSE	.6	.4	.2	1.0	.1							2.7	8.2
S	.2	.2	.5	.3								1.1	7.5
SSW	.2	.2	.2									.6	5.5
SW	.5			.1								.4	5.8
WSW	.8	.3										1.1	2.7
W	1.1	1.2	.2	.1		.1						2.8	4.9
WNW	1.1	1.4	.4	.4								3.3	6.0
NW	1.1	1.6	2.3	1.2	.1							6.2	7.8
NNW	.4	.8	.5	.3								2.0	6.5
VARBL													
CALM												29.2	
	14.9	17.7	18.7	15.6	3.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

930

CLERICAL CLIMATOLOGY SECTION
AF 740
AT 84TH SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION (MOUNTAIN HOME AFB ID)

YEARS (70, 73-79)

MONTH (JAN)

CLASS (ALL WEATHER)

NOV (0600-0600)
(L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5		.1								1.4	3.8
NNE	.1	.1										.6	2.3
NE	.1	.7										1.1	2.5
ENE	1.1	1.1										2.2	3.6
E	3.1	5.3	4.0	1.4								14.5	6.3
ESE	2.2	2.3	5.0	3.5	1.6	.7						21.8	10.3
SE	.5	1.4	2.6	3.4	.9							9.2	10.4
SSE	.6	.2	.4	1.1	.1							2.5	8.7
S	.0	.1	.3									1.3	4.0
SSW	.5	.1										.6	2.5
SW	.6	.4										1.1	2.9
WSW	.1	.1		.1								.6	4.3
W		1.2	.3	.2								2.6	4.9
WNW	.0	1.1	.5	.2								2.7	5.7
NW	1.1	1.6	2.2	1.3	.4							6.6	8.1
NNW	.8	.6	.4	.2	.3							2.4	7.0
VARBL													
CALM												28.8	
	15.8	17.4	17.8	16.6	3.3	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 241 3 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-79
CLASS ALL WEATHER
CONDITION
MONTH JAN
HOURS (L.S.T.) 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.1									1.7	3.6
NNE	.2	.1										.4	2.8
NW	.6	.1										.8	2.7
E	.5	.4										1.0	3.0
ESE	2.2	3.7	4.4	2.5	.8							13.4	7.7
SE	2.0	5.2	8.7	11.1	3.0	.3						29.8	10.8
SSE	.5	1.0	2.0	3.8	1.2	.1						10.5	10.4
S	.2	.4	.1	.9	.1							1.7	10.0
SSW	.3	.1	.2	.3								1.0	7.7
SW	.3	.4	.1									.9	4.3
WSW	1.1	.2										1.3	2.3
W	.3	.3	.1									.8	4.3
WNW	1.2	.1	.3	.1	.0							1.9	5.5
NW	1.0	1.0	1.3	.4	.4							4.1	7.6
NNW	.5	1.7	1.8	2.3	.6	.1						7.1	9.9
VARBL	.6	.6	.4	1.5	.1	.1						3.4	9.8
CALM												20.2	
	12.8	17.2	25.0	22.8	6.3	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2150 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	.4	.5	.1							2.0	8.4
NNE	.2	.2	.1									.5	4.4
NE	.4	.3	.1									.9	4.5
ENE		.7										.3	4.3
E	1.4	3.1	3.9	7.0	.5	.1						12.7	8.4
ESE	2.2	2.8	7.5	11.6	3.8	.6						29.5	11.3
SE	1.3	1.9	2.9	3.1	1.9	.1						10.4	10.0
SSE	.3	1.2	1.1	.1		.1						2.8	7.1
S	.5	.6	.7									1.4	4.5
SSW	.4			.2	.1							.6	8.7
SW	.5	.2			.1							.9	4.8
WSW	.4	.4	.6									1.5	5.7
W	.6	2.3	1.1	.2	.1							4.3	5.9
WNW	.5	1.8	1.4	.5	.2	.2						4.7	8.0
NW	.4	1.1	2.4	3.0	1.7	1.0						9.6	12.8
NNW	.4	.9	1.6	1.5	1.3							5.6	11.2
VARBL													
CALM												12.2	
	9.9	19.7	22.8	23.9	9.5	2.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	JAN
001 8	MOUNTAIN HOME AFB ID	68-70, 73-79	NORTH
ALL WEATHER			1500-1700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.7	.6								2.7	8.0
NNE	.8	.6										.5	4.2
NE	.8	.5										1.1	3.1
ENE	.4	.6	.1									1.2	4.4
E	1.0	3.3	2.2	2.3	.3	.3						9.4	9.4
ESE	1.4	4.4	5.5	9.5	2.8							23.8	10.7
SE	1.1	1.8	1.9	3.0	1.1							8.4	10.4
SSE	.6	1.4	.6	.2	.1							3.0	6.1
S	.6	.4	.5	.1								1.9	5.0
SSW	.2	.3	.3	.1								1.1	6.1
SW	.2											.8	2.4
WSW	2.7	.9	.1	.1								3.1	3.7
W	1.4	1.9	1.0	.2	.1							4.6	5.4
WNW	.9	1.8	1.3	.4	.2	.2						4.8	7.8
NW	1.2	3.7	3.2	3.9	2.7	.4						13.8	10.7
NNW	.8	.9	2.4	2.7	.4	.2						7.3	10.6
VARBL													
CALM												12.5	
	13.9	22.2	20.1	23.1	7.1	1.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24115 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.5		.1							2.0	5.4
NNE	1.0	.5										1.6	3.1
NE	.4	.3	.2									1.0	3.9
ENE	.3	.5										.9	3.8
E	.2	3.1	2.7	1.3	.3							9.6	7.1
ESE	1.3	4.3	5.1	7.7	1.4							19.8	10.2
SE	1.2	2.3	1.6	3.5	.7							8.8	9.2
SSE	.6	1.0	.6	.3								2.6	6.4
S	.3	.4	.6	.1								1.5	5.9
SSW	.6	.3	.1									1.1	3.4
SW	.8		.1									.9	3.0
WSW	.6	.3	.1									1.1	3.6
W	2.6	1.9	.2		.1							4.8	3.9
WNW	2.3	2.6	1.8	.8								7.4	5.7
NW	1.4	2.5	2.7	2.5		.1	.1					9.2	8.3
NNW	1.0	1.2	.9	.5								3.5	6.4
VARBL													
CALM												24.2	
	17.3	22.0	17.3	16.8	2.2	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 MOUNTAIN HOME AFB MO YEARS 68-70, 73-79 MONTH JAN
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.6	.1									2.9	2.8
NNE	1.2	.3	.2									1.7	3.4
NE	.6											.9	1.8
ENE	.2	.1	.1									.5	4.0
E	2.0	4.2	2.1	2.5	.5							12.9	7.3
ESE	1.5	2.9	5.1	6.7	1.1							17.7	10.0
SE	1.7	1.5	2.8	3.0	.6							9.0	9.7
SSE	.2	.7	.6	1.2								3.2	8.8
S	.8	.9	.2									1.8	3.9
SSW	.2		.3	.2								.9	7.8
SW	.5	.3	.1									1.0	3.4
WSW	.3	.1										.9	3.5
W	1.1	1.3	.5	.2								3.7	4.8
WNW	1.4	1.9	1.9	.5	.1	.1						6.0	6.6
NW	1.7	1.5	1.5	1.5	.2							5.7	8.3
NNW	1.7	.9	.6									2.7	4.2
VARBL													
CALM												28.5	
	16.6	18.5	18.2	15.6	2.6	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

116 MOUNTAIN HOME AFB 1D 63-70, 73-79 JAN
STATION MONTH
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.4	.2	.1							2.3	5.5
NNE	.7	.3	.7									1.3	3.1
NE	.6	.5	.7									1.1	3.0
ENE	.5	.6	.7									1.1	3.6
E	2.2	4.1	3.0	2.1	.4	.1						12.7	7.4
ESE	1.7	4.1	6.5	3.6	2.2	.2						23.2	10.5
SE	.9	1.7	2.3	3.3	.8	.2						9.0	10.1
SSE	.5	.8	.6	.7	.1	.7						2.7	7.9
S	.5	.4	.3	.1								1.3	5.3
SSW	.0	.2	.1	.1	.7							.8	5.3
SW	.6	.2	.0	.0	.7							.6	3.2
WSW	.7	.4	.1	.0								1.2	4.0
W	1.3	1.5	.5	.1	.1	.2						3.5	4.9
WNW	1.2	1.7	1.1	.5	.1	.1						4.7	6.5
NW	1.0	1.9	2.2	2.2	.6	.2	.0					8.1	9.6
NNW	.7	.6	.9	.9	.3	.0						3.7	8.6
VARBL													
CALM												23.1	
	14.3	19.5	19.0	18.8	4.7	.6	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2445 MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.1	.1								1.2	4.9
NNE	.4	.2										.6	3.4
NE	.7											.7	2.2
ENE	.4	.7	.2	.1								1.4	5.3
E	3.5	4.4	5.2	2.2	.6							16.5	7.2
ESE	.7	3.2	8.5	5.1	.9	.1						19.5	9.4
SE	.4	1.3	3.5	3.4	.5							9.2	10.4
SSE	.1	.2	.4	.6								1.6	9.1
S	.4	.2	.1									.7	4.3
SSW	.4	.2	.2	.2								1.1	5.3
SW	.5	.2	.5									1.2	4.8
WSW	.2	.1	.1	.4								.8	7.9
W	1.3	1.1	.4	.4	.1							3.2	5.3
WNW	.7	2.1	.7	.6	.1							4.3	6.3
NW	.6	2.2	2.1	1.7	.5							7.1	8.5
NNW	.6	.6	.7									1.9	5.6
VARBL													
CALM												28.8	
	11.5	18.1	23.9	14.6	2.8	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24176 STATION MOUNTAIN HOME AFB ID 68-70, 73-79 YEARS FEB MONTH 0300-0500 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.2	.2								1.7	5.2
NNE	.5	.5										.8	2.9
NE	.5	.7										1.2	3.2
ENE	.2	1.1	.4									2.4	4.3
E	2.5	5.8	3.7	2.4	.2	.2						14.9	7.2
ESE	2.2	5.7	13.3	7.8	.5	.1						26.2	9.1
SE	.5	.8	2.2	3.3	.5							7.4	11.0
SSE		.4	.5	.9								2.1	10.2
S	.5	.4										.8	3.0
SSW	.2											.1	2.0
SW	.2	.5	.1									.9	4.4
WSW	.7	.4	.2									1.3	4.2
W	1.1	1.7	.2	.4								3.3	5.0
WNW	.5	1.3	1.1	.7	.4							4.3	8.0
NW	1.1	2.0	1.3	1.5	.5							6.4	8.6
NNW	.7	1.1	.7	.2								2.7	5.7
VARBL													
CALM												23.6	
	12.9	21.9	21.3	17.5	2.5	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: MOUNTAIN HOME AFB ID YEARS: 68-70, 73-79 PER MONTH: 1600-2600
STATION NAME: ALL WEATHER CLASS:
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.1								1.5	5.2
NNE	.1											.4	2.7
NE	1.7	.2	.1									1.7	3.3
ENE	.0	1.1		.1								2.1	3.9
E	3.5	5.4	4.4	2.7	.7	.2						16.8	7.3
ESE	2.1	5.2	7.0	3.7	1.1	.0						24.3	9.5
SE	.1	1.4	3.0	2.4	1.1							9.0	10.0
SSE	.0	.5	.7	.9	.1							2.6	9.1
S	.5	.6			.1							1.2	5.7
SSW	.1											.1	2.7
SW	.0	.1	.7									.6	4.6
WSW	.0	.5										1.1	3.0
W	1.0	1.3				.1						3.2	4.1
WNW	.8	1.1	.5	.4	.1							2.8	6.1
NW	.9	1.2	1.1	1.8	.2							5.1	8.7
NNW	.5	.6	.0	.2								2.2	6.7
VARBL													
CALM												25.3	
	15.1	19.3	18.9	17.4	3.4	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24006 MOUNTAIN HOME AFB ID 68-7,73-79 YEARS FEB
STATION NAME NORTH
CLASS ALL WEATHER
CONDITION MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5		.1								.9	4.3
NNE	.6	.1	.1									.6	4.0
NE	.7	.1										.4	3.7
ENE	.1	1.2	.4	.1	.2							2.0	7.2
E	1.4	4.7	4.5	2.1	.9							13.2	7.9
ESE	1.4	4.0	9.6	13.2	3.4	.7						32.4	11.4
SE	.8	2.5	2.5	2.2	2.0	.6						10.6	10.9
SSE	.7	.7	.7	.7	.2							3.1	8.0
S	.6	.5	.1									1.2	3.7
SSW	.2											.2	2.0
SW	.7		.1	.1	.1							1.1	5.4
WSW	.3	.1	.2									1.2	3.5
W	1.7	.9	.1	.4								3.0	4.8
WNW	.4	1.4	1.3	.6	.4							4.0	8.4
NW	1.1	1.3	1.1	2.0	.6	.2	.1					5.4	10.3
NNW	.1	.8	.9	1.2	.1							3.2	9.7
VARBL													
CALM												16.5	
	11.3	18.3	21.6	22.8	8.0	1.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATE BY BRANCH
USAFETAC
AIR WEATHER SERVICE/AAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MOUNTAIN HOME AFB MO	YEARS	68-70, 73-79	FEE
	STATION NAME			
	ALL WEATHER			1200-1400
	CLASS			MOVES (L.S.T.)
	CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	.7	.4								2.8	6.5
NNE	.5	.5										.9	3.5
NE	.5	.1	.2									.6	4.8
ENE	.6		.1	.2	.1							1.1	7.3
E	.7	3.7	4.7	2.5	.8	.1						11.8	9.2
ESE	.3	3.7	7.6	17.5	6.4	1.3	.4					29.7	12.9
SE	.5	2.1	2.7	1.7	.6	1.2						9.2	10.8
SSE	.6	1.1	1.5	.1								3.7	5.7
S	.6	1.5	.7									2.7	4.1
SSW	.4	.5										.8	3.7
SW	.2	.1			.7	.2						.8	13.0
WSW	.5	.5	.1	.1								.9	5.6
W	.7	1.2	.5	.5	.1							3.0	6.8
WNW	.8	1.9	.2	1.3	.6							4.8	8.9
NW	.5	1.2	2.6	3.0	1.4	1.2						9.9	12.5
NNW	.4	.7	1.9	1.5	1.1	.2						5.8	11.5
VARBL													
CALM												11.3	
	3.9	18.8	23.5	21.3	11.6	4.3	.4					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 MOUNTAIN HOME AFB ID 61-71, 73-79 YEARS FEB
STATION NAME MONTH
CLASS ALL WEATHER
CONDITION 1500-1700
MOVES (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	1.4	.6								3.8	6.7
NNE	.5	.5	.5									1.5	5.0
NE	.5	.5	.1									1.1	4.2
ENE	.7	.5	.5									1.8	4.8
E	.4	2.3	3.7	4.3	1.1	.4	.1					11.6	10.9
ESE	.4	2.4	6.7	9.9	4.7	.6	.1					23.9	12.4
SE	.7	1.6	1.3	.7	1.1	.1						6.0	9.6
SSE	.7	.9	.7	.1								2.0	4.6
S	.1	.6	.1	.2								1.1	6.3
SSW	.7			.1								.8	3.6
SW	1.4	.4	.6	.2	.1							2.7	5.5
WSW	.2	1.2	.4	.1	.2							2.1	7.4
W	1.2	1.9	.6	.1	.5	.1						4.4	6.9
WNW	.7	1.3	1.7	1.2	.1	.1						5.1	8.6
NW	.6	1.3	3.3	3.4	1.2	1.1	.2					11.1	12.6
NNW		1.5	2.7	2.6	.7	.4						7.9	11.0
VARBL													
CALM												13.1	
	10.3	16.8	22.3	22.8	9.2	3.0	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MOUNTAIN HOME AFB ID STATION NAME 60-70,73-79 YEARS FEB MONTH 1670-2000 HOURS (C.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	2.6	.4	.1								5.2	4.1
NNE	1.1	.5										1.7	2.9
NE	.5	.7	.1									1.6	4.3
ENE	1.5	.7	.1	.1								2.2	3.8
E	1.5	2.1	5.2	4.4	.5	.1						12.9	9.1
ESE	.7	3.2	5.4	7.3	1.7							18.3	13.4
SE	.5	1.2	1.7	3.1	.1							6.7	8.9
SSE	.7	.4	.2	.1								1.7	4.6
S	.7	.7	.4									1.8	4.3
SSW	.2	.2										.5	3.3
SW	.3	.1			.1							.8	5.0
WSW	.6	.9	.1	.2		.1						2.9	6.7
W	1.4	2.6	.9	.2	.1	.1						5.4	5.8
WNW	1.4	1.7	1.3	.7		.1						5.2	6.3
NW	1.1	2.4	2.5	1.5	1.2	.2						6.9	9.7
NNW	.4	2.2	1.7	1.1		.4						5.7	8.6
VARBL													
CALM												16.9	
	16.9	22.3	20.4	18.0	3.3	1.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATE BY APPROACH
 USAFETAC
 AT - EXTRA - SERVICE/440

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MOUNTAIN VIEW AFB MD YEARS 66-7, 73-79 MONTH FEB
 CLASS ALL WEATHER
 CONDITION 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.1									1.1	3.6
NNE	.7	.1	.1									.5	3.8
NE	.7	.4	.1									1.2	3.4
ENE	.6	.5	.1									1.4	3.4
E	2.3	3.9	4.7	2.1								12.1	7.5
ESE	1.7	3.1	7.3	7.7	.8							19.9	9.4
SE	1.8	2.1	3.2	2.8	.4							10.3	8.3
SSE	.6	.7	.5	.6	.1							2.7	7.0
S	1.7	.2	.4									1.9	3.6
SSW		.2										.2	6.0
SW	.5	.1		.1	.1							.8	5.9
WSW	.4	.5	.2									1.1	4.7
W	.6	1.5	.6	.5								3.7	6.2
WNW	1.4	1.5	1.7	.6								5.2	6.1
NW	.6	2.1	1.4	1.4	.9							6.7	9.1
NNW	.4	.7	.5	.4	.1							2.9	7.6
VARBL													
CALM												29.3	
	13.6	13.0	21.2	15.5	2.5							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04.5 MOUNTAIN HOME AFB ID 64-70,73-79 FEB
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.2								2.3	5.3
NNE	.0	.0	.1									.9	3.6
NE	.0	.0	.1									1.1	3.7
ENE	.0	.0	.0	.1	.0							1.8	4.8
E	1.0	3.6	4.5	3.7	.6	.1	.1					13.7	8.2
ESE	1.2	3.9	7.8	2.5	2.0	.4	.1					24.3	10.7
SE	.0	1.7	2.6	2.5	.9	.0						8.7	13.0
SSE	.6	.6	.7	.5	.1							2.5	7.3
S	.6	.6	.0	.0	.1							1.4	4.3
SSW	.3	.1	.1	.0								.5	4.3
SW	.5	.2	.0	.1	.1	.0						1.1	5.9
WSW	.5	.5	.2	.1	.1	.0						1.3	5.6
W	1.2	1.5	.4	.3	.1	.0						3.6	5.7
WNW	.9	1.5	1.0	.8	.2	.0						4.4	7.4
NW	.0	1.7	1.6	2.0	.9	.3	.0					7.7	10.3
NNW	.4	1.0	1.3	.9	.3	.1						3.9	9.2
VARBL													
CALM												20.8	
	12.5	19.4	21.6	18.7	5.4	1.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 6768

CLIMATE CLIMATOLOGY PAVCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24148 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-77 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.0	.5	.4	.3							2.6	7.6
NNE	.5		.2		.1							.9	5.8
NE	.5	.3										.9	3.7
ENE	.2	1.1	.1									1.9	3.9
E	3.7	4.0	3.7	1.9								14.2	6.3
ESE	1.7	3.6	5.2	4.7	.0							16.1	8.8
SE	.4	1.2	1.1	1.1	.1							3.9	8.4
SSE	.5	.5	.7	.3								1.7	5.8
S	.0	.4										1.3	3.1
SSW	.7	.1	.1									.5	3.6
SW	.1	.1	.1									.3	5.7
WSW	.4	.3										.8	3.1
W	.6	1.3	.6	.2								3.4	5.2
WNW	1.2	2.3	2.3	1.5	.4	.2	.1					9.0	8.3
NW	1.7	2.2	3.0	4.3	1.8	.4	.1					12.8	11.1
NNW	1.2	.5	2.0	1.1	.0	.3						6.0	10.2
VARBL													
CALM												23.7	
	14.7	20.8	19.7	15.6	4.4	1.9	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
MET WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0-10 MOUNTAIN HOME AFB 10 YEARS 69-70, 73-79 MAP MONTH 0300-0500
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.2	.1								1.6	4.9
NNE	.4	.3	.1									.9	4.0
NE	.5	.5										1.2	3.4
ENE	.2	.5	.2	.2								1.6	5.1
E	2.4	7.2	5.7	1.1								16.9	6.1
ESE	1.3	3.2	5.8	5.2	.9							17.8	9.4
SE	.6	1.2	1.7	1.0	.2							4.3	6.3
SSE	.2	.1										.4	2.8
S	.7	.2										.4	3.5
SSW													
SW	.2	.1										.3	2.7
WSW	.8	.1										.6	3.0
W	1.3	2.0	.4	.1								3.9	4.7
WNW	1.1	2.8	2.9	1.6								8.4	7.3
NW	1.2	3.4	4.6	4.7	1.3	1.2						16.5	10.5
NNW	.6	1.3	1.3	1.3	.1							5.2	7.9
VARBL													
CALM												19.7	
	13.1	24.5	22.6	16.4	2.5	1.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 241 STATION NAME MONTANA HOME AFB ID YEARS 68-70, 73-79 MAF 0600-0800
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.8									1.9	5.2
NNE	.5	.3										.9	3.1
NE	1.7	.3	.1									1.4	3.1
ENE	.8	.5										1.3	3.3
E	1.9	6.1	5.2	1.0								14.2	6.4
ESE	1.7	5.2	6.7	7.0	1.7							21.6	9.5
SE	.6	1.1	2.3	1.4	.2	.1						5.7	9.1
SSE	.5	.6	.4	.1								1.7	5.4
S	.2	.2										.4	3.0
SSW	.7	.2										.8	2.9
SW	.1	.1	.1									.3	5.0
WSW	.5	.6										1.4	3.3
W	1.2	1.7	.8	.2								3.9	5.3
WNW	1.1	2.7	2.7	1.5	.1							7.4	7.8
NW	1.1	2.9	5.4	3.5	1.5	1.4						15.8	10.8
NNW	.3	.3	1.8	1.5	.2	.1						4.3	10.2
VARBL													
CALM												17.0	
	15.0	22.9	25.5	16.2	3.8	1.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 6	MOUNTAIN HOME AFB ID	65-76, 73-79	4AR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0900-1100
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.9	.2								2.5	6.1
NNE	.1	.3										.4	4.5
NE													
ENE	.7	.3	.1									.8	3.9
E	1.2	2.3	3.0	1.2	.2	.1						2.9	8.1
ESE	1.6	3.3	5.6	2.9	5.1	1.7	.3					28.2	12.3
SE	.9	1.5	2.3	2.3	.4	.1	.1					7.5	9.7
SSE	.4	1.1	.3	.1								1.9	5.7
S	.6	.6	.1									1.3	3.8
SSW	.7											.2	2.0
SW	.1	.3	.1			.1						.6	7.8
WSW		.2	.2		.1							.5	9.2
W	.6	.3	.2	.1								1.3	5.2
WNW	.6	1.4	1.3	2.0	1.1	.4						6.9	11.3
NW	.5	1.7	4.3	5.3	4.0	3.0	.6					19.5	14.9
NNW	.4	1.6	1.5	2.5	1.2	.4						7.6	11.3
VARBL													
CALM												11.6	
	8.6	16.2	20.6	23.5	12.2	5.9	1.1					100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 JCRC TAC
 AIR DATA SERVICE/440

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4410 STATION NAME MOUNTAIN HOME AFB ID YEARS 69-70, 73-79 MAP MONTH
 CLASS ALL WEATHER 1200-1400
 CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	1.3	.2	.2							3.9	6.7
NNE	.4	.4	.1	.2								1.2	5.4
NE	.3	.3	.1									.8	4.7
ENE	.5	.1	.2									.9	4.3
E	1.1	1.5	1.8	.9	.4	.4						6.6	9.3
ESE	1.2	2.	2.0	7.2	3.4	1.0	.1					19.5	13.2
SE	1.5	1.5	1.9	1.7	.2							6.9	7.8
SSE	.4	.5	.5	.1								1.6	5.9
S	.6	1.7	.4	.1								2.2	5.0
SSW	.6	.3	.2		.1							1.3	5.3
SW	.3	.6	.4									1.4	5.5
WSW	.3	.1	.4	.2		.1						1.2	8.6
W	.9	1.6	1.1	.1	.3	.2						4.2	7.5
WNW	.6	1.4	2.3	2.0	.6	.5	.2					7.7	11.2
NW	.2	2.0	4.8	7.2	3.7	3.4	1.3					22.8	14.7
NNW	.3	1.3	1.6	3.2	1.3	1.3	.4	.2				9.4	14.1
VARBL													
CALM												8.7	
	11.3	16.5	20.2	23.2	19.6	7.2	2.0	.2				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MTNTAIN HOME AFB ID YEARS 62-73, 73-79 VAR 1500-1700
STATION NAME MONTH
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5	2.0	1.7	.1		.1					6.5	9.1
NNE	.5	1.2	.5									2.6	5.4
NE	.2	.2	.1									.9	4.0
ENE	.2	.5	.3	.3								1.8	6.6
E	.2	1.7	1.7	1.6	.5	.4	.4					5.5	11.5
ESE	1.1	2.0	1.7	4.7	.5	.5						11.1	11.4
SE	.5	1.7	.5	.9	.1							4.0	7.7
SSE	.4	1.7	.4	.2								2.0	5.6
S	.4	1.1	.5	.1								2.2	5.7
SSW	.4	.3	.3	.2								1.3	6.2
SW	.2	.5	.2	.5	.1							1.5	7.9
WSW	.4	.6	.3	.1	.1							1.6	6.6
W	.5	1.2	1.6	.4	.2	.1						4.4	7.8
WNW	.4	1.3	3.1	2.4	1.2	.5	.1	.2				9.4	12.0
NW	.5	2.4	5.1	3.7	3.1	2.5	.8	.1				23.1	13.9
NNW	.5	1.4	3.3	4.1	1.5	1.1	.6					13.1	13.5
VARBL													
CALM												7.7	
	9.5	10.7	21.9	26.0	8.2	5.5	2.0	.3				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR FORCE SERVICE VOUCHER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 04170 STATION NAME MOUNTAIN HOME AFB LO YEARS 63-71, 73-79 MAP MONTH
 ALL WEATHER CLASS 1800-2000
 CONDITION HOUS (L.S.T.)

SPEED (KNTS) DIP.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	3.2	.5	.1							9.5	6.2
NNE	1.8	2.5	1.1	.1								5.2	4.8
NE	.8	.3	.7									1.7	4.6
ENE	.5	.9	.7									1.9	5.0
E	.9	3.1	2.3	2.3	1.7	.4	.1					10.0	9.7
ESE	.2	1.8	2.7	2.6	1.7							8.9	9.7
SE	.3	1.4	.3	.3								2.4	5.7
SSE	.6	.5	.7									1.5	4.0
S	1.7	1.7	.3	.1								2.4	4.6
SSW	.3	.3	.2	.1								1.0	5.8
SW	.3	.3	.3	.1								1.1	6.4
WSW	.5	.3	.5			.1						1.5	6.3
W	1.1	1.9	1.6	.3	.1	.1						5.1	6.6
WNW	.6	2.2	3.7	1.3	.6	.1	.2	.1				8.8	9.6
NW	1.0	3.3	4.5	4.7	2.4	1.3	.2					17.4	11.7
NNW	.6	1.9	3.2	2.9	1.4	.8	.2					11.1	11.9
VARBL													
CALM												10.6	
	17.8	25.9	25.1	15.5	6.6	2.8	.8	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 936

CENTRAL CLIMATOLOGY DIVISION
USAFETAC
ASIA PACIFIC SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: MOUNTAIN HOME AFB MO YEARS: 64-71, 73-74
STATION NAME: ALL WEATHER CLASS: NORTH
CONDITION: 2100-2500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.9	1.5	.3	.1	.1						3.5	7.8
NNE	.5	.7	.1									1.5	3.7
NE	1.3	.7	.2									1.8	3.4
ENE	.5	.7	.1									1.2	3.6
E	2.5	2.2	3.7	1.1	.4	.1						10.5	7.1
ESE	1.4	2.2	4.3	2.5	.5	.1						11.3	8.9
SE	1.5	1.4	2.4	.4								5.8	6.4
SSE	.3	.8	.7									1.7	4.2
S	.6	1.4										2.3	3.9
SSW	.5	.3										1.0	3.0
SW	1.7	.4										1.4	3.3
WSW	.5	1.1										1.8	3.7
W	1.7	2.6	1.5	.5	.1							6.5	5.8
WNW	1.0	3.3	5.3	.8	.2		.3					10.9	7.9
NW	1.5	3.3	2.6	3.4	1.8	.6						13.8	10.1
NNW	1.0	.3	.6	1.3	.4	.6	.3					4.6	13.0
VARBL													
CALM												21.0	
	17.6	22.6	22.6	19.3	3.7	1.6	.6					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 1015 EAST 14th ST. WICK/MAE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MOUNTAIN HOME AFB MO YEARS 60-71, 73-79 MONTH MAY
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.3	.5	.1	.0	.0					4.5	7.0
NNE	.3	.7	.3	.1	.0							1.7	4.7
NE	.0	.4	.1									1.1	3.7
ENE	.6	.6	.2	.1								1.5	4.6
E	1.9	3.6	3.4	1.4	.3	.2	.1					11.0	7.5
ESE	1.3	2.7	4.3	5.6	1.8	.6	.1					16.8	10.7
SE	.8	1.4	1.6	1.1	.2	.0	.0					6.1	8.1
SSE	.5	.7	.2	.1								1.6	5.2
S	.6	.7	.2	.0								1.5	4.4
SSW	.4	.2	.1	.2	.0							.8	4.6
SW	.4	.3	.2	.1	.0	.0						.9	5.9
WSW	.5	.4	.2	.0	.0	.0						1.2	5.4
W	1.7	1.6	1.7	.3	.1	.1						4.1	6.1
WNW	.8	2.2	3.1	1.6	.5	.2	.1	.0				8.6	9.4
NW	.0	2.7	4.3	5.2	2.4	1.7	.4	.0				17.7	12.5
NNW	.5	1.2	1.9	2.2	.9	.5	.2	.3				7.7	12.0
VARBL													
CALM												15.0	
	12.5	21.1	22.3	18.3	6.5	3.4	.8	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7439

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/LAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION UNITED HOME AFB MO YEARS 68-7, 73-79 MONTH APR
STATION NAME ALL WEATHER CLASS 0000-0200
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.2	.0	.2		.1	.1					4.1	6.4
NNE	.0	.1										1.0	2.1
NE	.4	.3		.1								.6	5.8
ENE	.6	.2	.1									1.3	4.3
E	2.6	3.7	1.4	1.3	.0							9.5	6.4
ESE	1.8	2.9	2.1	2.3	.7	.6						10.4	9.0
SE	.6	.8	.9	.3	.1							3.0	6.4
SSE	.6	.2	.2		.1							1.3	4.6
S	.7	.7	.4									1.4	4.5
SSW	.3	.6	.1									1.0	3.9
SW	.1	.3										.7	3.5
WSW	.8	.7	.1									1.6	3.5
W	1.7	2.3	.0	.4								5.4	5.2
WNW	3.1	2.9	2.7	3.3	1.4	.1						12.9	8.8
NW	1.2	3.5	3.3	5.8	3.3	1.5	.1					19.1	12.4
NNW	1.7	2.0	1.6	2.0	1.1	.3						8.0	10.2
VARBL													
CALM												19.5	
	13.3	21.7	14.3	15.9	7.1	2.9	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 897

U.S. AIR FORCE
CLIMATE SERVICE
CLIMATE SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MT. HORN AFB STATION NAME MT. HORN AFB YEARS 68-70, 73-79 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.9	.6								3.6	6.2
NNE	.5	.3										.7	3.3
NE	.4		.1									.7	3.5
ENE	.4	.6										1.0	3.4
E	2.5	3.7	3.1	.4	.3							10.0	6.0
ESE	1.7	2.7	5.2	3.2	.4							13.3	8.7
SE	.3	1.2	1.7	1.3	.1	.1						4.1	9.5
SSE	.1	.3	.0	.1								1.2	6.5
S	.1	.2										.3	3.7
SSW	.1	.1		.1								.3	6.3
SW	.4	.1	.1									.7	4.0
WSW	.1	.4	.3	.1								1.0	6.6
W	.6	1.9	.6	.1								3.5	4.9
WNW	2.1	2.9	1.6	3.2	.7							10.6	8.3
NW	3.0	4.1	5.0	6.7	3.1	2.3	.1					24.4	11.3
NNW	.6	1.3	1.4	1.3	1.0	.4						6.5	10.8
VARBL													
CALM												13.2	
	14.6	21.2	20.1	17.3	5.7	2.9	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 400 STATION NAME CITAIN HOME AFB TO YEARS 67-70, 73-79 APP 0603-0800
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.3	.0							2.2	7.6
NNE	.0	.0		.1								.3	4.4
NE	.0	.3										.7	3.3
ENE	1.1	.3	.4									1.9	4.2
E	1.0	3.0	3.0	.4	.7	.1						9.6	7.1
ESE	.7	2.3	4.0	5.7	.7	.1						14.3	10.4
SE	.0	1.1	1.1	2.0	.7							5.2	10.7
SSE	.1	.2	.2	.3								.9	5.6
S	.0	.1	.1									.6	4.2
SSW	.0	.7	.2									1.6	4.2
SW	.0	.0	.0									.8	4.4
WSW	.0	.3										.8	3.0
W	.0	1.1	.5	.2								2.7	5.4
WNW	.6	2.0	2.7	2.2	.3	.2						8.6	9.2
NW	1.0	4.3	4.5	9.8	7.2	2.3	.1					24.8	12.3
NNW	.0	1.4	2.7	3.7	1.2	1.3	.1					10.5	12.6
VARBL													
CALM												13.9	
	10.7	19.6	20.6	24.3	5.6	4.1	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 696

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

<u>STATION</u>	<u>STATION NAME</u>
A - 3	ATLANTA HOME AFB IN

57-70, 75-79

120

22 MAY 1952

7977-1100

Closed

HOWE (L.S.)

COMMITTEE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.7	1.1	.1	.1						3.1	9.7
NNE	.	.	.7									.6	5.6
NE		.7	.1									.3	6.3
ENE	.7	.2	.1	.1								.6	5.3
E	.7	.2	.6	1.6	.4	.2						4.9	9.7
ESE	.7	1.6	3.7	7.8	3.4	1.8	.1					18.7	13.8
SE	.4	1.1	1.4	1.6	1.2	.3						6.1	11.6
SSE		.1	1.1	.1								1.3	8.7
S	.7	.6	.1	.1								1.4	4.6
SSW	.1	.1										.2	3.0
SW	.4	.6										1.3	3.4
WSW	.4	.3	.3									1.1	4.8
W	.7	1.3	.2	.2	.2							2.7	6.6
WNW	.2	1.1	1.6	3.3	1.7	.2						7.1	12.0
NW	.2	2.9	4.0	7.8	6.6	3.4	.9	.1				25.9	15.2
NNW	.2	1.6	3.3	6.1	3.6	1.6	1.1					18.2	14.9
VARBL													
CALM												6.6	
	6.4	13.6	17.2	29.4	16.7	7.9	2.1	.1				102.6	12.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MOUNTAIN HOME AFB ID STATION NAME 62-70, 73-79 YEARS APR
MONTH 1200-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	1.2	1.2	.3	.1						4.3	9.7
NNE	.7	.8	.2									1.7	4.3
NE	.5	.2										.7	3.2
ENE	.1	.6	.1									.2	4.9
E	.7	.7	2.0	1.4	.9	.3						6.2	15.6
ESE	.6	1.4	2.8	7.8	1.9	.8						11.5	11.9
SE	.5	.6	1.5	.9	.3							3.6	9.6
SSE		.9	.9	.2								2.0	7.3
S	.4	.9	.8	.1								2.2	5.0
SSW	.2	.2	.2									1.2	5.0
SW	.2	.8		.1								1.1	5.0
WSW	.1	.4	.4	.1								1.1	7.1
W	.6	.8	.5	.7								2.8	7.2
WNW	.7	1.3	2.8	3.3	1.5	.1						9.6	11.2
NW	.4	2.3	4.1	9.1	6.5	2.7	1.2	.1				26.5	15.2
NNW	.6	2.0	2.6	5.7	5.4	1.6	.7	.1				18.5	14.8
VARE													
CALM												6.2	
	6.6	18.9	20.3	26.8	16.1	.6	1.9	.2				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL CLIMATOLOGY SECTION
AFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION MOUNTAIN 40M AFS 10 60-70, 73-79 YEARS APR
STATION NAME ALL WEATHER MONTH 1500-1700
CLASS CONDITION HOURS (L.S.T.)

MEAN WIND SPEED
9.7
4.3
3.2
4.9
10.6
11.9
9.6
7.3
5.0
5.0
5.0
7.1
7.2
11.2
15.2
14.8
11.4
897

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.1	2.5	2.1	.7	.3						8.5	10.0
NNE	.1	.9	.8									1.6	6.2
NE	.7	.7	.2									1.2	4.6
ENE	.6	.0	.2	.1								1.8	5.2
E	.0	1.2	1.1	1.2	.7	.2	.1					5.5	10.2
ESE	.4	1.2	2.1	2.5	.4	.8	.1					7.6	11.6
SE	.4	.6	.6	.6	.1							2.5	6.2
SSE	.2	.4	.7	.6								1.9	7.6
S		.3	.7	.3								1.3	8.6
SSW	.3	.3	.3	.2								1.2	7.0
SW	.2	.6	.1		.0							1.1	7.5
WSW	.6	.3	.3	.3								1.6	6.8
W	.0	1.7	.9	1.1	.1							4.7	7.2
WNW	.6	1.6	2.2	3.0	1.1	.4						8.9	11.1
NW	.4	2.2	5.0	8.0	7.4	3.0	.9					27.0	14.9
NNW	.1	1.3	3.0	5.4	3.6	1.9	.9	.3				16.5	15.7
VARBL													
CALM												7.0	
	6.9	16.3	21.1	25.4	14.3	6.7	2.0	.3				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 242 6 STATION NAME MOUNTAIN HOME AFB ID YEARS 69-70, 73-79 MONTH APR
CLASS ALL WEATHER
CONDITION 1600-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.8	4.1	2.1	.7							11.1	8.4
NNE	1.2	2.2	.8									4.2	4.8
NE	.7	.7	.3									1.7	4.9
ENE	.4	1.2	.3	.1								2.1	5.4
E	1.2	1.8	3.1	1.8	.7	.3	.1					9.1	9.4
ESE	.3	1.7	1.4	1.8	.6	.2						4.5	9.8
SE	.2	.3	.3	.2								1.8	6.4
SSE	.3	.1	.2	.1								.9	6.1
S	.2	.7	.3	.1	.1							1.4	7.0
SSW	.3	.3	.1									.8	5.3
SW	.3	.1	.1			.1						.6	8.4
WSW	.8	.3	.4									1.6	4.4
W	.4	1.3	1.3	1.1	.1							4.3	7.8
WNW	.6	1.4	1.9	2.7	.8	.1						7.5	10.5
NW	.7	3.9	5.9	7.8	4.6	2.2	.2	.1				25.4	12.9
NNW	.6	1.6	3.3	7.2	2.9	1.7	.1					17.4	13.5
VARBL													
CALM												5.8	
	5.0	21.1	24.3	24.3	10.3	4.7	.4	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/AFM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0416 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 MONTH APR
CLASS ALL WEATHER MONTH 2100-2300
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	1.1	.6	.1							4.9	6.1
NNE	.9	.9	.2									1.8	3.9
NE	1.6	.3	.1									2.0	2.9
ENE	.9	1.7	.1									1.9	4.2
E	1.2	2.8	2.5	.9	.7	.3						8.9	8.0
ESE	.9	1.8	1.6	1.1	.2	.3						5.9	8.5
SE	.4	1.3	.6	.3								2.7	6.3
SSE	.4	.3	.1		.1							1.0	5.4
S	.3	.8	.1									1.2	3.9
SSW	.9	.2	.2									.7	5.0
SW	.2	.1			.1							.4	7.8
WSW	.5	.3	.1	.1								1.1	4.4
W	1.9	4.1	1.9	.7								8.6	5.6
WNW	2.3	4.3	4.1	2.2	.7	.1						13.8	7.8
NW	1.6	5.2	4.3	4.2	3.7	1.4	.2					20.3	10.8
NNW	1.7	2.5	1.8	2.1	2.5	.3						10.1	11.2
VARBL													
CALM												14.6	
	16.5	27.6	18.8	12.3	7.4	2.6	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 APP MONTH
STATION NAME ALL WEATHER CLASS ALL
CONDITION HOURLS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	1.5	1.0	.3	.1	.1					5.2	8.3
NNE	.5	.7	.3	.0								1.6	4.5
NE	.5	.4	.1	.0								1.0	4.1
ENE	.5	.5	.2	.0								1.4	4.6
E	1.6	2.1	2.2	1.2	.5	.2	.7					7.9	8.1
ESE	.0	1.0	2.0	3.4	1.0	.5	.7					10.8	10.8
SE	.4	.9	.5	.9	.2	.1						3.6	9.3
SSE	.3	.4	.5	.2	.7							1.3	7.0
S	.2	.5	.3	.1	.7							1.3	5.6
SSW	.7	.4	.2	.0								.9	5.0
SW	.2	.3	.1	.0	.7	.7						.8	5.4
WSW	.5	.4	.3	.1								1.2	5.1
W	1.7	1.3	.9	.6	.1							4.3	6.2
WNW	1.3	2.3	2.3	2.9	.9	.2						9.9	9.6
NW	1.2	3.6	4.5	7.3	4.7	2.4	.5	.0				24.2	13.3
NNW	.7	1.7	2.4	4.2	2.6	1.2	.4	.1				13.3	13.6
VARBL													
CALM												11.5	
	11.1	10.6	19.6	22.0	10.6	4.7	.9	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 7180

CLIMATE CLIMATOLOGY BRANCH
 AFM 11-100
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MTNTAL. HOME AFB ID YEARS 68-7, 73-79 MONTH MAY
 STATION NAME ALL WEATHER CLASS ALL WEATHER MONTH 1000-2200
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.5	1.5	.2								5.6	4.9
NNE	.2	.5	.1	.1								1.7	4.3
NE	.2	.2										.4	3.3
ENE	.2	.5	.1									1.2	4.5
E	1.7	2.3	1.7		.3							6.6	5.7
ESE	1.2	1.3	1.8	1.0								5.8	6.9
SE	.2	1.3	.3	.3	.1							2.7	7.2
SSE	.2	.3										1.1	3.9
S	.2	.5	.1									.9	4.1
SSW	.6	.3										1.0	3.0
SW	.8	.6										1.1	3.6
WSW	.2	.5	.1									.9	4.3
W	1.3	3.7	.5									4.9	4.7
WNW	1.7	4.6	4.2	2.6	.8							13.9	7.8
NW	3.7	5.3	4.7	5.9	1.3							20.4	8.7
NNW	.9	1.7	2.2	1.9	1.0	.1						7.7	9.5
VARBL													
CALM												23.2	
	15.4	27.8	18.0	12.0	3.4	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 4-176 MOUNTAIN HOME AFB ID CLASS: ALL WEATHER YEARS: 68-72, 73-79 MONTH: MAY
300-0500 HOURS (L.S.T.)
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	1.7	.5	.2							5.5	6.2
NNE	1.1	.4	.1									1.6	3.3
NE	.4	.4										.9	3.4
ENE	.3	.3	.2									.9	4.0
E	2.0	3.4	1.7	.3								6.9	4.9
ESE	1.2	2.4	2.7	.9								7.1	6.8
SE	.5	1.3	.9	.2								3.3	5.8
SSE	.5	.5	.1									1.2	4.2
S	.4	.5	.3									1.3	5.5
SSW	.5	.1										.6	2.7
SW	.5	.5										.9	4.1
WSW	.3	.4										.8	3.7
W	1.1	2.3	.4									3.8	4.3
WNW	1.1	3.5	4.7	2.5	.3							11.4	8.1
NW	2.6	5.9	6.7	5.2	1.3							22.7	8.8
NNW	1.6	3.4	3.7	1.6	.3	.1						10.1	7.6
VARBL													
CALM												21.6	
	15.7	27.8	20.3	12.3	2.2	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

300 AL CLT ATOLOGY TRA CH
USAFETAC
AI WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2116 MOUNTAIN HOME AFB ID 6-7, 73-79 MAY
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.7	.9								5.3	6.8
NNE	.6	1.1	.1									1.8	3.7
NE	.3	.2										1.1	3.9
ENE	.7	.6	.1									1.1	4.3
E	.4	4.2	2.4	.4	.1							8.9	5.9
ESE	1.1	3.3	4.1	2.5	.5	.1						11.4	8.3
SE	.9	1.2	1.5	1.5	.1							5.1	8.4
SSE	.3	.4	.4	.1								1.2	6.0
S		.2	.2									.4	6.5
SSW	.1			.1								.2	8.0
SW	.1											.1	2.0
WSW	.1	.2	.1									.4	4.5
W	2.3	1.1	.4									3.8	3.5
WNW	1.1	2.9	2.3	2.0	.2							8.4	7.9
NW	1.7	4.0	6.9	6.2	4.3	.4						25.5	11.2
NNW	.4	2.7	2.6	3.0	1.7	.1						10.5	10.7
VARBL													
CALM												14.8	
	12.0	24.6	22.4	19.7	6.8	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CONTAINMENT AFB ID YEARS 68-70, 73-79 MONTH MAY
STATION NAME ALL WEATHER CLASS 1900-1100
CONDITION MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	1.7	1.2	.0							5.7	7.6
NNE	.0	.5	.0									1.0	5.3
NE	.1	.1	.1									.3	5.0
ENE	.3	.1	.0	.1								.8	5.7
E	1.0	1.1	1.3	1.6	.4	.1						5.8	8.2
ESE	.0	1.9	3.3	4.5	2.8	.4						13.7	11.7
SE	1.0	1.0	1.3	1.1	.5	.2						6.3	9.1
SSE	.0	.4	.0	.1								1.7	6.6
S	.4	.5	.1									1.1	4.2
SSW	.0	.3	.0	.1								1.0	6.4
SW	.0	.2		.2								.9	5.8
WSW	.1	.1		.1								.3	6.7
W	.5	.9	.0	.3								2.0	5.5
WNW	.6	2.7	2.5	1.5	.6							7.3	8.9
NW	1.6	3.0	5.7	9.4	5.6	2.3	.2					27.7	13.0
NNW	1.1	2.5	3.1	5.4	3.7	1.7	.1					16.8	12.6
VARBL													
CALM												7.6	
	17.6	16.9	21.8	24.9	13.8	4.0	.3					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 936

CLIMATE CLIMATOLOGY 1 ALC-
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MTNTAL JMW AFB MO STATION NAME MTNTAL JMW AFB MO YEARS 68-70, 73-79 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.7	2.2	1.9	.3	.1						8.7	8.1
NNE	1.1	.8	.7	.1								2.0	4.3
NE	.8	.7	.1									.9	3.6
ENE		.6	.4		.7							1.3	8.5
E	1.7	1.2	1.6	1.6	.3	.1						5.8	8.9
ESE	.6	1.4	2.7	2.2	.8	.7						8.1	10.3
SE	.7	1.4	1.1	.8	.1							3.9	7.5
SSE	.7	1.7	.7	.1								1.6	5.6
S	.6	1.1	.7									1.9	4.4
SSW	.7	.4	.7	.1								1.6	5.0
SW	.4	.4	.7	.2	.1							1.4	7.2
WSW	.7	.1	.7	.1								.9	7.3
W	.9	.8	1.6	.4	.2							3.5	7.7
WNW	.6	2.7	2.4	3.1	.8	.1						9.1	9.9
NW	.6	4.1	6.1	7.6	5.2	1.7	.2					25.6	12.7
NNW	.6	2.4	4.6	6.5	2.5	.8	.1					17.4	12.0
VARBL													
CALM												6.0	
	17.2	22.6	24.6	24.7	10.4	3.7	.3					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATE DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MCNTAIN HOME AFB ID YEARS 68-73-79 MONTH MAY
STATION NAME ALL WEATHER CLASS 1500-1700
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.2	4.0	2.6	1.7	.2						13.0	9.5
NNE	.2	1.2	.5	.2	.1							2.9	6.4
NE	.2	.3	.1									.6	4.5
ENE	.2	.2	1.0	.1								1.7	7.3
E	.4	1.7	1.5	.6	.1							4.7	7.8
ESE	.4	1.7	.9	1.5	.5							5.1	9.7
SE	.5	.6	1.5	.2	.1							2.5	7.7
SSE	.3	.6	.1									1.0	4.5
S	.5	.4	.6	.1								1.7	6.4
SSW	.7	1.0	.3			.1						1.7	6.4
SW	.2	.9	.4	.1		.1						1.7	6.9
WSW	.5	.4	.4	.2	.1							1.7	6.6
W	.6	1.7	1.2	.9	.3	.1						4.9	8.2
WNW	.4	2.4	2.3	1.5	.9	.3						7.6	9.9
NW	.5	2.4	4.6	3.7	5.4	1.1	.1					23.0	13.3
NNW	.3	1.8	4.3	5.1	4.7	1.2	.2					28.6	13.5
VARBL													
CALM												5.4	
	6.0	27.4	24.1	24.8	13.9	3.1	.3					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: MTAIN, AFM AFB ID YEARS: 68-7, 73-79 MONTH: MAY
STATION NAME: ALL WEATHER CLASS: 1810-2030
CONDITION: NOVRS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	6.6	7.2	.8	.1						18.7	9.0
NNE	.3	2.1	.5	.6								4.8	5.9
NE	.5	.1										1.2	3.4
ENE		1.1	.2									1.2	3.5
E	.5	2.2	1.7	.4	.2							5.0	7.4
ESE	.1	1.8	1.4	1.9	.2	.2						5.8	9.6
SE	.7	1.1	.5	.2								2.2	6.4
SSE	.3	1.7	.1	.2								1.4	6.2
S	.6	1.3	.4	.3								2.9	5.5
SSW	.1	.3	.1	.4								.9	9.9
SW	.7	.5		.2								1.1	5.8
WSW	.3	.4	.5	.2								1.5	6.6
W	.6	.5	.8	.5	.1							2.6	7.5
WNW	.4	1.3	1.1	.9	.5							4.2	9.5
NW	1.2	1.6	4.9	7.6	3.6	.9	.5					20.5	12.9
NNW	.8	1.8	5.5	7.0	3.6	.5	.1					21.5	12.6
VARBL													
CALM												4.6	
	9.7	22.2	24.5	27.9	9.4	1.7	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 929

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2100 STATION NAME CONTAIN HOME AFB ID YEARS 69-71, 73-79 DAY 2100-2300
 CLASS ALL-WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	2.0	1.7	.2	.1							7.5	5.3
NNE	1.1	.7	.4									2.4	4.5
NE	.6	.2			.1							1.6	4.4
ENE	.7	.2										1.1	2.8
E	1.1	2.4	1.0	.4								5.3	6.0
ESE	1.0	2.0	1.7	.9	.1							6.6	7.9
SE	.5	1.2	.4									2.2	4.4
SSE	.4	1.2										1.6	4.0
S	.5	1.7										1.9	3.9
SSW	.1	.4	.2									1.2	4.2
SW	.2	.4										.8	3.4
WSW	.1	.4		.1								.9	4.3
W	1.6	2.9	.5	.1								5.2	4.5
WNW	1.6	5.5	3.8	1.7	.3							12.9	6.9
NW	2.4	5.6	5.9	5.1	1.1	.3						22.4	8.7
NNW	1.7	2.2	2.3	2.4	.6	.3	.1	.1				9.9	10.0
VARBL													
CALM												16.8	
	15.7	32.3	16.3	11.9	3.2	.6	.1	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 USAFETAC
 AT WENTWORTH, SE. IOWA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WENTWORTH AFB IO STATION NAME WENTWORTH AFB IO YEARS 69-70, 73-79

CLASS ALL WEATHER

CONDITION ALL

MONTH MAY

NUMBER (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	0.7	2.7	1.6	.4	.1						6.9	7.7
NNE	.3	1.7	.4	.1	.7							2.3	5.0
NE	.7	.4	.7	.7	.7							.9	3.9
ENE	.7	.5	.7	.7	.7							1.1	5.5
E	1.7	2.4	1.7	.6	.2	.7						6.1	6.7
ESE	.7	2.1	2.3	1.9	.5	.1						7.9	9.2
SE	.4	1.2	1.7	.5	.1	.7						3.5	7.5
SSE	.7	.7	.7	.1								1.3	5.2
S	.5	.7	.7	.1								1.5	5.0
SSW	.4	.5	.7	.1		.7						1.0	5.5
SW	.7	.5	.1	.1	.1	.2						1.0	5.5
WSW	.7	.7	.7	.1	.1	.3						.9	5.7
W	1.1	1.6	.7	.3	.1	.2						3.9	5.7
WNW	1.7	3.7	2.9	2.0	.5	.1						9.4	6.4
NW	1.7	4.1	5.7	7.5	3.5	.3	.1					23.5	11.3
NNW	.7	2.4	3.4	4.7	2.3	.5	.1	.0				14.3	11.6
VARBL													
CALM												12.5	
	14.2	24.1	21.6	19.7	7.9	1.7	.2	.0				130.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7439

JOINT CHIEF OF STAFF
 JOINT STAFF
 JOINT STAFF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ALL WEATHER YEARS: 63-7, 73-77 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L & T): 1000-2000
 CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	.6	.4	.1							4.8	5.9
NNE	.5	.5	.5									2.0	3.9
NE	.5	.5										.5	3.0
ENE	1.5	.1										1.3	2.3
E	1.2	1.9	2.5	.2	.7							7.7	5.5
ESE	1.1	2.7	1.5	1.2	.1							6.1	6.9
SE	.4	1.5	.5	.1								1.9	5.0
SSE	.5	.7										.5	3.0
S	.5	.4	.1									1.2	3.5
SSW	.5	.5										1.0	3.2
SW	.5	.1										.7	2.5
WSW	.5	.2										1.2	2.8
W	1.1	2.3	1.4	.1								6.0	4.9
WNW	1.2	5.4	3.1	2.3	.7							13.4	7.0
NW	2.5	4.0	5.8	4.1	.8	.7						17.9	8.7
NNW	.5	2.9	1.9	1.9	.6	.2						6.1	9.0
VARBL													
CALM												25.1	
	19.1	25.6	17.2	10.4	2.7	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY SECTION
 AFSSC
 AIR FORCE SERVICE CENTER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION MOUNTAIN VIEW AFB TX

6-70, 73-79

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1300-1500

HOURS (L.S.T.)

CONDITION

MEAN
WIND
SPEED

5.9
3.0
3.8
2.3
5.5
6.9
5.0
3.0
3.5
3.2
2.5
2.8
4.9
7.0
8.7
9.0

5.0

9.0

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SP. ()
N	.7	2.0	.6	.2								4.4	4.9
NNE	.2	.3	.7									.3	4.9
NE	.7	.4										1.1	3.2
ENE	.7	.4										1.1	3.2
E	5.1	4.0	1.6	.3								10.3	4.9
ESE	1.0	3.0	1.9	.9								7.6	6.1
SE	.2	.2	.9	.1								2.2	6.0
SSE	.4	.4		.1								1.0	4.1
S	.4	.2	.1									1.3	4.2
SSW		.7										.3	4.0
SW		.6			.1							.7	6.7
WSW	.4	.7										1.1	3.6
W	1.3	2.1	.3									3.7	4.2
WNW	2.2	4.4	3.1	2.2	.1							11.8	6.8
NW	2.6	6.9	6.2	5.1	.7	.1						21.6	8.3
NNW	1.6	1.6	2.3	1.6	.4	.1						7.6	8.3
VARBL													
CALM												23.4	
	18.1	29.0	17.1	19.8	1.3	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

241 6 K. NTAI HOME AFS ID 68-73,73-79 JUL NORTH
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	.1	.3	.1							2.8	5.8
NNE	.0	.4	.1									1.0	3.9
NE	.4	.1	.1									.8	3.7
ENE	.7	1.4										1.3	4.1
E	1.7	2.1	1.4	.3								3.8	5.1
ESE	1.6	4.9	5.4	2.3	.2							15.0	7.7
SE	.7	1.3	1.4	1.2	.1							4.6	7.9
S	.1	.6	.7	.1								1.3	5.4
SSW	.2	.2	.1	.1								.7	5.8
SW	.2	.1										.3	2.7
WSW	.1	.1										.2	3.0
W	.8	1.7	.3	.1								2.2	4.5
WNW	1.3	2.5	2.7	.4	.7							7.6	6.7
NW	1.0	4.6	7.9	5.6	2.7	.7						22.0	9.8
NNW	1.7	2.2	3.6	5.0	1.2	.7						13.2	10.4
VARBL													
CALM												17.8	
	11.7	26.1	23.9	15.9	4.2	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AD AFATH SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1116 MOUNTAIN HOME AFB ID 62-0,73-79 JUN
 STA ON STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	1.3	1.3	.2							5.3	7.8
NNE	.2	.6	.3	.2								1.4	6.1
NE	.2	.2	.2									1.2	3.8
ENE	.3	.2	.1									1.1	3.5
E	1.7	2.1	2.3	1.7								7.1	6.6
ESE	.9	2.3	4.5	4.4	1.7	.2						14.2	10.3
SE	.8	1.9	2.1	1.4	.1							6.3	7.9
SSE	.1	1.7	.2									1.3	5.4
S	.4		.1									.6	3.6
SSW	.2	.4										.7	3.7
SW	.4		.1									.6	3.6
WSW	.4	.2	.1									.8	3.6
W	.3	1.1	.7	.1								2.2	5.8
WNW	1.2	1.1	1.6	1.7		.1						5.7	8.3
NW	1.3	3.2	6.7	9.1	2.4	.7						22.4	11.2
NNW	1.3	2.7	3.9	6.6	2.5	.2						16.6	11.6
VARBL													
CALM												12.4	
	12.3	18.2	24.6	24.9	6.3	1.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFETAC SE-VIC/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: MOUNTAIN HOME AFB MO YEARS: 69-72, 73-79 MONTH: JUN
STATION NAME: CLASS: ALL WEATHER HOURS (LST): 1200-1400
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	2.3	1.7	.1							6.8	6.2
NNE	.2	.7	.4									1.9	4.2
NE	1.4	.6	.1									2.1	3.3
ENE	.7	.4	.3	.2								1.3	6.3
E	1.5	2.9	2.6	.8	.1							8.1	6.6
ESE	1.2	2.6	2.6	1.1	.7							8.0	7.2
SE	.2	1.4	1.2	.2	.2							3.6	7.1
SSE	.7	.7	.1	.1								1.6	4.4
S	.6	1.2	.7	.1								2.3	5.6
SSW	.6	.7	.7									1.1	4.2
SW	.4	.4	.1									1.0	3.9
WSW	.7	.7	.2									1.2	4.8
W	.2	1.7	1.8	.3	.1							4.8	6.7
WNW	.7	2.0	4.2	1.9	.4	.1						10.4	8.5
NW	.2	4.8	3.9	7.0	1.8	.7						18.9	10.8
NNW	1.7	2.7	5.2	4.7	3.1	.6						17.1	11.7
VARBL													
CALM												9.3	
	13.3	24.2	27.0	16.1	6.1	1.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
USAFETAC
12 MONTH SE VIOLENCE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MT. MOUNTAIN HOME AFB MD YEARS 68-70, 73-79 MONTH JUN
STATION NAME ALL SAILED CLASS 1500-1700
CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.6	4.3	5.7	.3	.2						11.8	9.0
NNE	.7	1.3	.4	.7								3.2	6.7
NE	.6	.6	.1	.1								1.6	4.6
ENE	.3	1.2	.1									2.1	3.9
E	.6	2.4	1.1	.7	.1							4.8	6.9
ESE	.5	1.7	.6	.2	.2							2.6	8.0
SE	.7	.4	.1	.3	.1							1.7	6.5
SSE	.6	.6	.1	.3	.1							1.7	6.7
S	.7	.6	.7	.4								2.2	6.0
SSW	.6	1.2	.3	.2								2.3	5.8
SW	1.0	.7	.4	.4								2.7	5.8
WSW	.2	.2	.4	.4								1.3	8.1
W	.6	2.3	1.4	.3	.1	.1						4.9	7.0
WNW	1.1	1.8	3.3	2.0	.4							8.7	9.0
NW	.4	3.4	5.4	6.7	2.6	.8						19.3	11.5
NNW	.6	4.2	4.4	7.1	2.7	1.6						20.8	11.8
VARBL													
CALM												8.4	
	17.8	25.1	23.3	23.0	6.7	2.7						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
13 WEATHER SERVICE/RAV

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MOUNTAIN HOME AFB ID

62-70, 73-79

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000
HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	2.9	7.3	4.8	1.1	0.2						18.3	9.6
NNE	0.0	2.9	1.7	0.2								4.2	6.1
NE	0.0	1.1	0.2	0.2	0.1							2.3	7.1
ENE	0.1	0.5	0.2	0.2		0.2						1.3	9.9
E	0.0	0.5	1.2	0.6								5.3	6.6
ESE	0.0	1.2	0.4	0.6	0.4							2.9	9.1
SE	0.0	0.7	0.2									1.6	5.6
SSE	0.0	0.3	0.2		0.1							0.9	6.8
S	0.0	0.8	0.4	0.1	0.1	0.1						2.1	7.8
SSW	0.3	0.5	0.1	0.3								1.3	6.9
SW	0.1	0.4	0.2	0.1								0.9	6.0
WSW	0.0	0.4		0.3	0.1							1.4	7.0
W	0.5	1.4	0.8	0.7	0.1							3.6	7.4
WNW	0.4	2.0	1.6	1.1	0.6	0.1						5.8	9.0
NW	0.2	1.7	4.8	6.3	2.4	0.7						16.7	11.7
NNW	0.4	2.7	6.2	10.2	3.7	0.8	0.8	0.1				24.9	13.0
VARBL													
CALM												6.6	
	8.6	21.1	26.2	25.8	8.8	2.1	0.8	0.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

900

U.S. AIR FORCE METEOROLOGICAL
STATION
ALBUQUERQUE, NEW MEXICO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, NEW MEXICO STATION NAME ALBUQUERQUE, NEW MEXICO YEARS 60-70, 72-79 MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.4	.6								3.0	5.4
NNE	1.1	1.4	.2									2.2	3.5
NE	.7	.7	.1									1.7	3.5
ENE	1.7	.5	.1									2.0	3.6
E	1.4	2.2	2.5	.1	.1							6.4	6.2
ESE	1.2	1.3	.4	.7								3.7	5.9
SE	.4	1.4	.2									2.1	4.4
SSE	.7	.3										.7	3.7
S	.7	.9			.1							1.3	5.3
SSW	.7	.2	.1									1.0	3.7
SW	.2	.2	.1		.1							.7	7.5
WSW	.4	.4	.1	.1								1.1	4.7
W	1.7	3.4	.8			.1						6.2	4.8
WNW	2.4	5.6	3.7	.8	.1							12.8	6.1
NW	3.3	6.4	4.8	4.1	1.2	.6	.2					20.7	8.4
NNW	1.3	2.9	2.3	1.7	1.2	.2	.2	.1				9.8	9.8
VARBL													
CALM												19.7	
	12.1	32.2	16.9	8.0	2.7	.9	.4	.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 041 MOUNTAIN HOME AFB ID 6-73, 78-79 JUL
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.3	1.5	.7	.1						7.2	7.8
NNE	.7	.9	.6	.1								2.1	5.3
NE	.7	.5	.0	.0	.							1.4	4.3
ENE	.7	.8	.1	.1		.7						1.5	4.5
E	1.5	2.2	2.7	.6	.1							7.3	5.9
ESE	1.1	2.8	2.0	1.4	.7	.7						7.8	7.9
SE	.8	1.1	.0	.4	.1							3.0	6.8
SSE	.4	.7	.1	.1	.7							1.2	5.1
S	.8	.8	.0	.1	.7	.7						1.8	5.6
SSW	.4	.4	.1	.1								1.0	4.8
SW	.7	.5	.1	.1	.7							.9	5.3
WSW	.4	.4	.1	.1	.7							1.1	5.1
W	1.1	1.9	.0	.2	.7	.7						4.2	5.7
WNW	1.6	3.3	2.9	1.5	.3	.7						9.5	7.5
NW	1.5	4.5	5.7	5.9	1.7	.8	.7					19.9	10.0
NNW	1.7	2.6	3.8	4.8	1.9	.8	.1	.0				14.7	11.3
VARBL													
CALM												15.3	
	14.1	25.3	22.0	17.1	4.8	1.2	.2	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

CENTRAL WEATHEROLOGY STATION
 401 WILSON ST SE WICHITA, KS

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: WICHITA, KS STATION NAME: AFB 10 YEARS: 6-7, 73-79

ALL WEATHER CLASS

CONDITION

NOV 1979

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	
N	.2	1.7	.6	.3								3.2	
NNE	1.5	.4	.1	.1								2.2	
NE	.2	.4	.3									.9	
ENE	.6	.2										1.3	
E	2.8	2.5	1.1	.6								5.6	
ESE	1.7	1.5	1.7	.9								5.8	
SE	.9	.3	.2	.2								2.0	
SSE	.4	.5	.1									1.1	
S	.5	.3	.1									1.6	
SSW	.7	.2	.1									.6	
SW	.2	.5	.1	.1								1.8	
WSW	1.7	.4										1.4	
W	2.3	2.4	.5		.1							5.3	
WNW	1.7	3.4	1.2	.9	.1							8.0	
NW	2.9	7.6	5.9	2.4	.3							18.6	
NNW	1.6	1.5	1.7	1.1	.4	.2						6.7	
VARBL													
CALM												33.0	
	27.2	24.3	14.3	6.6	1.4	.2						120.0	4

TOTAL NUMBER OF OBSERVATIONS 9

GLOBAL CLIMATOLOGY PROJECT
USAFETAC
ALL-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WHEEL HORN AFB ID YEARS 68-73-79 JCL JUL
STATION NAME WHEEL HORN AFB ID MONTH JUL
CLASS ALL-WEATHER HOURS (L.S.T.) 0700-1800
CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.8	.5								4.1	5.4
NNE	1.7	.9	.3									1.5	3.5
NE	1.2	.7	.3									2.2	3.4
ENE	1.2	.7	.3									2.3	3.5
E	2.8	5.4	1.3	.2								13.4	4.6
ESE	2.2	3.1	1.1	.3								7.1	5.4
SE	1.1	.6	1.1									2.8	5.5
SSE	.6	.3	.2	.2								1.7	5.4
S	.6	.3	.1									1.6	3.2
SSW	.4	.2										.6	2.7
SW	.1	.1		.1								.3	7.3
WSW	.5	.2										.9	2.4
W	3.7	1.5	.2	.2								4.7	3.9
WNW	2.6	3.0	1.8	.4	.1							8.0	5.5
NW	3.1	4.7	5.6	2.7	.4							15.6	7.5
NNW	.9	2.8	2.9	1.7	.1							8.4	7.9
VARBL													
CALM												27.7	
	22.4	26.2	16.8	6.9	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SE VIO/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 44-3 STATION NAME ONTARIO HOME AFB ID YEARS 68-70, 73-75 MONTH JUL
CLASS ALL EAT-E
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	.1	.4	.4	.1							3.2	6.2
NNE	.1	.1	.1	.1								1.4	3.4
NE	.1	1.1	.1	.1								2.0	4.3
ENE	.1	.1	.1									1.6	3.3
E	1.4	5.7	3.4	.5	.1							13.2	5.5
ESE	1.3	2.1	4.1	2.3	.2	.1						10.9	7.7
SE	1.1	.1	1.1	.2								3.3	5.9
SSE	.1	.1	.1									1.0	3.9
S	.1	.1										.9	2.9
SSW	.1											.2	2.0
SW	.1	.1										.8	2.3
WSW	.1	.1										.9	2.9
W	1.2	1.1										3.2	2.9
WNW	1.7	3.3	2.7	.4								8.4	6.1
NW	1.2	4.7	5.3	3.5	.9							17.5	7.9
NNW	.6	1.3	1.6	3.1	.5							7.2	10.3
VARBL													
CALM												24.3	
	22.1	24.2	19.0	10.5	1.9	.1						120.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION VTAL - COME AFB ID YEARS 67-71, 73-79 MONTH JUL
STATION NAME VTAL - COME AFB ID CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.9	.8	.1							4.3	6.7
NNE	.2	.2		.2								1.2	4.3
NE	.5	.2										.9	2.6
ENE	.3	.4	.2									1.0	4.3
E	1.8	2.6	3.7	1.3								9.2	7.0
ESE	1.1	1.2	4.6	1.1	.2	.1						13.4	9.1
SE	1.1	1.7	2.6	1.1	.2							6.6	7.4
SSE	.6	.3	.2									1.4	4.8
S	1.2	.4										1.6	2.8
SSW	.2	.3	.1									1.2	3.5
SW	.7	.2	.2									.8	4.6
WSW	.2	.4										1.0	3.3
W	.2	1.1	.6	.2								2.5	5.0
WNW	1.2	2.7	3.5	.5								8.7	7.0
NW	1.8	3.9	7.6	4.9	1.1							19.0	9.2
NNW	1.6	2.5	3.5	5.4	.6							13.7	9.7
VARBL													
CALM												14.4	
	15.2	22.4	27.2	18.3	2.8	.1						103.3	6.7

TOTAL NUMBER OF OBSERVATIONS 935

CLIMATE DIVISION, WASHINGTON
 JULY 1979
 AIRCRAFT SERVICE/140

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 140 STATION NAME MOUNTAIN HOME AFB ID YEARS 61-73-79 MONTH JUL
 CLASS ALL WEATHER
 CONDITION _____
 PERIOD 1200-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	2.7	2.2	.3							9.5	7.7
NNE	1.7	1.3	.6									3.3	4.6
NE	1.6	1.7	.1									2.3	3.6
ENE	.2	.2	.3									1.7	4.4
E	1.7	2.5	1.6	1.2								7.6	6.3
ESE	1.2	2.2	2.4	1.1								7.4	7.0
SE	.5	.5	1.7	.1								2.7	5.6
SSE	.3	.1	.2	.2								1.8	7.1
S	1.4	.2		.1	.1							2.5	4.6
SSW	1.7	.3	.1									1.4	3.2
SW	1.2	.2	.2	.1								1.7	4.1
WSW	.7	.4										.3	3.6
W	1.7	2.2	.3									4.2	4.5
WNW	1.7	2.7	2.3	1.2	.1							9.4	6.4
NW	1.3	1.2	6.3	4.5	.3							16.7	6.8
NNW	1.2	2.2	3.9	4.2	.4							2.3	9.2
VARBL													
CALM												15.5	
	19.5	25.5	22.8	14.5	1.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24176	MOUNTAIN HOME AFB ID	68-70, 73-79	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1500-1700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.6	5.7	2.9	.3							15.5	7.9
NNE	.9	1.3	1.1									3.2	5.3
NE	.6	1.2	.3									2.0	5.1
ENE	.4	.7	.3	.1								1.7	5.5
E	1.4	1.9	1.2	.4	.1							5.1	6.2
ESE	.8	1.7	.5	.1	.1							2.5	6.6
SE	.1	.3	.4	.2								1.1	7.7
SSE	.1	.4	.5	.2								1.3	7.1
S	.6	1.7	.2		.7	.1						2.3	7.4
SSW	.3	.4	.1	.3	.4							1.6	10.1
SW	.6	.2	.7	.2	.1							1.5	6.5
WSW	.8	.5	.6	.1								2.0	5.6
W	1.5	2.6	.6	.8	.2	.1	.1					5.9	7.0
WNW	1.8	2.4	2.5	1.1	.1							7.8	6.6
NW	1.9	3.5	6.9	4.5	1.4	.1	.1					18.5	9.4
NNW	.6	3.5	6.3	6.0	1.8							18.4	10.4
VARBL													
CALM												9.6	
	14.4	25.8	27.7	17.0	4.9	.3	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10176 MOUNTAIN HOME AFB ID 68-77, 73-79 YEARS JUL
STATION NAME MONTH
CLASS ALL WEATHER 1800-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.9	9.7	5.9	.4							23.3	8.7
NNE	.9	1.7	1.4	1.0	.1							4.7	7.2
NE	.5	.6	.1		.1							1.5	4.9
ENE	.5	.5	.2	.2								1.5	5.6
E	.4	.6	.8	.3	.1							2.3	6.0
ESE	.3	.5	1.1	.8	.3							3.0	9.8
SE	.1	.4	.4	.1	.1							1.2	7.8
SSE	.3	.4	.2	.2								1.2	6.5
S	.2	.4	.5	.4			.1					1.7	9.3
SSW	.2	.3	.2	.3		.1						1.2	8.7
SW	.2	.2	.3		.1							.9	7.4
WSW	.4	.2	.5	.3								1.5	7.4
W	.9	1.3	1.1	.5	.1							3.9	6.7
WNW	1.4	1.2	1.0	.4	.3							4.3	7.0
NW	.8	2.7	4.2	3.8	.6	.3						12.4	10.1
NNW	.6	3.0	7.5	11.7	2.5	.5						25.9	11.5
VARBL													
CALM												9.4	
	9.1	20.3	29.2	26.0	4.8	1.0	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 24176 MOUNTAIN HOME AFB ID STATION NAME: 62-73,73-79 YEARS: JUL MONTH: 2100-2300 HOURS (L.S.T.)

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	5.6	1.6	.9	.1							11.7	5.2
NNE	1.7	1.7	.2	.2								3.1	4.1
NE	1.2	.7	.2	.1								2.2	3.6
ENE	.8	.9	.2									1.6	4.6
E	.2	.6	1.7	1.2	.1							4.0	9.2
ESE	.4	1.1	.9	.3								2.7	6.3
SE	.6	.8	.4	.2								1.8	5.5
SSE	.4	.1	.1	.2								.9	5.8
S	.8	.2	.8									1.7	5.3
SSW	.1	.5	.1									.8	5.3
SW	.4		.1	.3		.1						1.0	8.7
WSW	.3	.4	.2	.2								1.2	6.2
W	1.7	4.2	.5									6.2	4.4
WNW	2.6	6.1	1.3	.9	.2	.1						11.2	5.6
NW	3.8	7.4	3.3	2.3	.5	.2						17.5	6.8
NNW	1.9	3.7	2.4	1.5	.5	.1	.1					10.2	7.9
VARBL													
CALM												22.3	
	23.4	32.8	14.1	8.3	1.5	.6	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 PACIFIC
 AIRCRAFT SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 04276 MOUNTAIN COMB AFB ID 60-71, 72-79 YEARS JUL
 STATION NAME MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	2.0	1.7	.2							9.4	7.3
NNE	1.1	.3	.5	.2	.5							2.6	4.9
NE	.3	.7	.1	.0	.5							1.7	4.0
ENE	.6	.7	.2	.5								1.6	4.4
E	1.8	2.9	1.8	.7	.1							7.3	6.1
ESE	1.1	2.0	2.0	1.3	.1	.3						6.6	7.5
SE	.7	.8	.6	.3	.5							2.7	6.4
SSE	.4	.5	.3	.1								1.3	5.6
S	.2	.3	.2	.1	.1	.3	.0					1.7	5.2
SSW	.4	.3	.1	.1	.1	.3						1.0	5.7
SW	.5	.2	.2	.1	.5	.1						1.0	5.7
WSW	.6	.4	.2	.1								1.2	4.6
W	1.7	2.5	.5	.2	.1	.3	.0					4.5	4.9
WNW	1.0	3.3	2.1	.7	.1	.3						6.1	6.2
NW	2.4	4.7	5.6	3.6	.8	.1	.3					17.1	8.3
NNW	1.1	2.6	3.7	4.3	.9	.1	.3					12.8	9.8
VARBL													
CALM												19.5	
	17.7	25.3	21.3	13.5	2.4	.3	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4116	MOUNTAIN HOME AFB ID	62-73, 73-79	AUG
STATION	STATION NAME	YEARS	NORTH
ALL WEATHER			0000-0200
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.5	1.1	.9								3.9	6.6
NNE	.9	.4										1.3	3.1
NE	1.7	.3		.1								1.4	3.4
ENE	.5	.4	.7									1.2	4.2
E	3.2	4.1	2.9	.6								11.0	5.6
ESE	1.7	2.7	1.2	.5								4.7	6.2
SE	1.1	1.2	.9	.1								3.1	5.1
SSE	.3	.6										1.2	4.0
S	.6	.3										1.5	3.5
SSW	.1	.5	.1									.6	4.6
SW	.4	.3										.8	3.5
WSW	.7	.3		.1								.8	4.3
W	1.5	2.7	.8		.1							5.1	4.7
WNW	2.5	5.6	1.1	.9								10.0	5.2
NW	2.5	5.2	2.8	1.5	.2	.1						12.3	6.6
NNW	1.9	2.2	.8	1.1	.1							5.9	6.4
VARBL													
CALM												35.3	
	19.2	27.5	11.6	5.8	.4	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2410 STATION NAME MOUNTAIN HOME AFB ID YEARS 68-70, 73-79 MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.5	.2	.1							3.4	5.4
NNE	1.7	1.7	.1									2.0	3.7
NE	.7	.4	.1									.9	4.3
ENE	1.1	.6	.1									1.8	3.4
E	5.7	5.7	3.7	.5								15.6	4.9
ESE	2.9	2.9	1.9	1.2								8.8	5.7
SE	.6	1.4	1.7	.2								3.2	6.3
SSE	.1	.3	.1									.5	5.2
S	.6	.5										1.2	2.8
SSW	.5	.3	.1									1.0	3.8
SW	.4	.4										.9	3.8
WSW	1.5	.4										1.9	2.9
W	1.4	1.5	.3	.2	.1							3.5	4.9
WNW	1.4	2.7	2.7	.4								6.6	6.0
NW	1.6	4.7	2.9	1.4	.2							10.9	6.9
NNW	1.7	.3	1.4	1.8								6.5	7.6
VARBL													
CALM												31.3	
	21.6	26.5	14.2	6.0	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 21206 STATION NAME ONTARIO AFB ID YEARS 68-70, 73-79 MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.1	.2								3.3	5.9
NNE	1.0	.3		.1								2.4	2.9
NE	.6	.3	.3									1.3	4.4
ENE	1.0	.9	.1									1.9	3.4
E	4.4	7.1	3.7	.9								15.9	5.3
ESE	2.4	4.4	5.4	1.6	.2							14.0	7.1
SE	1.1	.9	1.3	.5								3.8	6.6
SSE	.5	.4	.1									1.1	4.1
S	.9	.2										1.0	2.6
SSW	.3	.1										.4	2.5
SW	.2											.2	2.5
WSW	.6	.3	.2	.1								1.3	4.7
W	1.4	1.8	.6									3.9	4.2
WNW	2.2	2.2	1.4	.4								6.1	5.3
NW	1.5	3.8	3.0	1.6	.3	.1						10.3	7.7
NNW	1.1	1.6	1.9	1.4	.3							6.3	8.2
VARBL													
CALM												26.8	
	21.1	25.3	19.1	6.8	.9	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD AFATAP. SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DATE 4-76 STATION MOUNTAIN HOME AFB MO STATION NAME 58-7, 73-79 YEARS AUG MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.8	.4								3.3	5.3
NNE	.9	.4	.1									1.4	3.2
NE	.4	.4	.1	.1								1.1	4.6
ENE	.4	.5	.7									1.2	4.2
E	1.3	2.6	3.7	1.2	.4							10.1	7.3
ESE	2.7	5.2	6.7	2.9	1.1							17.9	8.4
SE	1.2	2.2	3.7	2.7	.4							9.6	8.4
SSE	.4	1.3	.5		.1							2.4	5.9
S	.4	.8	.2									1.4	4.5
SSW	.1	.4										.8	4.0
SW	.2	.3										.5	4.2
WSW	.2	.3										.5	4.2
W	.9	1.5	.8									3.1	4.9
WNW	1.5	2.7	2.9	.8	.2							8.1	6.9
NW	1.6	3.6	5.2	2.8	.8							13.9	8.4
NNW	1.8	1.9	2.8	3.0	.4	.2						9.9	9.0
VARBL													
CALM												15.4	
	15.6	25.3	26.8	13.2	3.4	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 929

5219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24108	MOUNTAIN HOME AFB ID	68-70, 72-79	AUG
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1200-1400
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	1.4	.6		.1						7.5	5.5
NNE	1.4	1.5	.5									3.4	3.9
NE	1.0	.4	.1									1.5	3.1
ENE	.7	.5	.5									1.4	5.7
E	1.0	3.0	3.3	.8	.4							9.5	7.1
ESE	1.2	1.2	3.3	1.3	.2							7.8	7.6
SE	1.2	1.5	1.5	.1								4.6	5.9
SSE	.4	1.2	.4									2.0	4.9
S	.3	.4	.3	.2								2.7	5.3
SSW	.4	.3	.2	.1		.1						1.6	6.7
SW	.5	.2	.1									1.5	3.9
WSW	.6	.7	.2									1.4	4.0
W	1.4	1.5	.9	.5		.1						4.5	6.1
WNW	1.2	2.9	1.6	1.7	.2							7.0	7.1
NW	2.3	3.5	4.9	2.7	.3	.2						14.0	8.0
NNW	2.2	3.7	4.5	2.6	.3	.2						12.8	8.3
VARBL													
CALM												16.7	
	19.6	26.8	24.5	9.9	1.6	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 100-100
 100-100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 44-71 STATION NAME CATAN, HOME AFB ID 62-71, 73-79 YEARS AUG MONTH 1962-1970 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.6	2.0	3.0	0.8	.4							12.6	7.7
NNE	.6	.6	.6	.3	.1							2.3	6.2
NE	.9	.3	.2	.1	.1							2.3	6.1
ENE	.5	.4	.1	.2								1.3	5.4
E	1.6	1.3	1.1	1.3	.2							5.5	7.4
ESE	.6	.6	1.2	.9	.2							3.8	8.6
SE	.3	.3	.5	.1								1.3	6.5
SSE	.4	.6	.3		.1							1.5	5.7
S	.5	1.1	.4	.2								2.4	5.5
SSW	.5	.6	.7	.2		.1						1.9	6.8
SW	.6	.4	.6	.2								1.9	6.3
WSW	.5	.5	.2	.1	.3	.1						1.8	8.2
W	1.4	2.0	1.2	.8								5.4	6.1
WNW	1.7	2.0	2.4	.6	.1							6.9	6.4
NW	1.9	4.0	5.6	4.0	.9							16.4	8.7
NNW	1.9	3.7	6.0	5.4	1.7	.4						19.1	9.9
VARBL													
CALM												13.8	
	17.0	22.5	24.5	17.2	4.3	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SE-VIC/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	DATE
04116	CANTAIN HUMP AFB ID	62-7, 73-79	AUG
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.7	5.7	7.7	.3							15.0	8.3
NNE	1.7	1.3	.9	.1								4.0	5.1
NE	.0	.0	.3									1.5	4.6
ENE	.0	.4	.0	.1								1.0	5.2
E	.4	1.7	1.0	1.1	.2							4.6	6.3
ESE	.0	1.1	1.3	1.2	.2							4.2	8.5
SE	.0	.2	.3	.1	.1	.1						2.2	5.1
SSE	.4	.4	.6	.2								1.9	6.4
S	.0	.0	.3	.2	.1							2.0	5.4
SSW	1.7	.4	.1	.2								1.7	4.4
SW	.0	.3	.1	.5								1.5	7.1
WSW	1.1	.5	.0	.1								1.9	4.2
W	1.1	1.4	1.2	.1	.1							3.9	6.1
WNW	1.6	2.3	2.6	.5								7.0	6.4
NW	1.2	3.3	4.9	3.2	.6	.1						13.8	8.7
NNW	1.7	2.6	9.8	6.7	1.6	.4	.5					23.3	10.5
VARBL													
CALM												10.4	
	14.5	22.8	29.3	19.1	3.3	.6	.5					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 927

CLIMATE DIVISION
 WASHINGTON, D.C.
 100-100-100-100

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 176 MOUNTAIN VIEW AFB TX 68-73-79 68-73-79 68-73-79
 STATION NAME YEARS MONTHS
 CLASS ALL WEATHER
 CONDITION 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.3	1.1	.6								7.7	5.0
NNE	.4	.3	.2	.1								1.5	4.6
NE	1.1	.1										1.3	2.6
ENE	.4	.3	.1	.1	.2							1.2	7.6
E	1.4	2.5	1.5	1.0	.1							6.5	6.7
ESE	.1	1.5	1.1	.5	.1							3.9	6.6
SE	.3	1.1	.2	.1								1.7	5.3
SSE	.2	.1	.1									1.1	3.7
S	.4	.2	.4									1.3	4.6
SSW	1.1	.6	.1	.1								1.9	4.3
SW	.3	.4										1.0	3.2
WSW	1.0	.6	.1									1.6	3.6
W	3.2	3.7	.3	.1								7.6	4.0
WNW	2.4	6.4	1.9	.3								11.0	5.1
NW	3.3	4.0	3.1	1.6	.3	.1						12.5	6.6
NNW	2.7	3.9	1.4	1.0	.5	.2						9.9	7.2
VARBL													
CALM												27.6	
	23.7	29.2	12.0	5.6	1.5	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MOUNTAIN HOME AFB TN STATE NAME 68-70, 73-79 YEARS AUG MONTH ALL HOURS (L & T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	1.2	.1	.0						7.1	6.8
NNE	1.1	.8	.3	.1	.3							2.3	4.2
NE	.7	.4	.1	.3	.3							1.4	4.0
ENE	.3	.5	.2	.1	.3							1.4	4.8
E	2.6	3.5	2.6	.9	.2							9.8	6.2
ESE	1.4	2.5	2.7	1.3	.3							3.1	7.4
SE	.8	1.2	1.1	.4	.1	.3						3.6	6.7
SSE	.4	.7	.3	.0	.1							1.5	5.2
S	.7	.8	.2	.1	.3							1.7	4.7
SSW	.5	.6	.1	.1		.3						1.3	5.1
SW	.5	.4	.1	.1								1.0	4.9
WSW	.7	.5	.1	.1	.3	.3						1.4	4.6
W	1.5	2.7	.8	.2	.3	.2						4.6	5.1
WNW	1.8	3.3	2.7	.6	.1							7.8	6.0
NW	2.7	4.1	4.1	2.4	.5	.1						13.0	7.8
NNW	1.7	2.6	3.5	2.9	.7	.2	.1					11.7	9.0
VARBL													
CALM												22.1	
	19.1	25.7	20.3	10.3	2.0	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 743?

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24175 STATION MOUNTAIN HOME AFB ID 67-73,73-78 SEP
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION
1000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.8	.4			.1						3.1	4.2
NNE		.3										.3	4.0
NE	1.1	.2	.2									1.6	3.6
ENE	1.4	.7	.2									2.3	3.5
E	4.7	4.1	1.6	.3	.2							11.0	4.8
ESE	2.2	2.2	2.4	1.1		.1						8.1	6.6
SE	1.1	.9	.9	.4								3.3	6.0
SSE	.5	.2	.4									1.2	5.3
S	1.1	.4	.1									1.6	3.4
SSW	.4	.2										.7	2.7
SW	.2	.1										.3	2.7
WSW	.7	.1	.1									.9	3.4
W	1.8	2.7	.7	.1	.1							5.3	4.9
WNW	2.4	3.4	2.3	.9	.1							9.7	6.2
NW	1.0	3.1	2.3	1.9	.7							9.9	7.8
NNW	.9	1.4	.7	.6	.6		.1					4.2	8.8
VARBL													
CALM												36.4	
	22.2	21.0	12.9	5.3	1.8	.2	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

5222

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 241 5 MOUNTAIN HOME AFB ID STATION NAME 67-70, 73-78 YEARS SEP
CLASS ALL WEATHER MONTH SEP
CONDITION 0300-0600
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1		.7	.1							2.9	6.4
NNE	1.1	.4	.2									1.8	3.7
NE	.9	.3										1.7	3.2
ENE	2.1	1.1	.2									3.3	3.4
E	7.7	7.9	1.0	.2	.1							17.8	4.2
ESE	2.1	4.8	4.1	1.6	.1							12.4	6.8
SE	.0	1.2	1.6	.1								3.8	6.0
SSE	.2	.6										.8	3.9
S	.2	.1	.1									.6	4.0
SSW	.2	.1										.3	2.7
SW		.6	.1									.7	5.2
WSW	.1	.8										.9	4.1
W	1.2	1.9	.2	.1	.2							3.7	5.5
WNW	1.2	2.6	1.2	1.0	.2							6.2	6.8
NW	1.9	2.7	2.7	1.7	.4							9.3	7.5
NNW	.8	1.7	1.3	1.0	.3							5.1	8.1
VARBL													
CALM												28.8	
	21.7	28.1	13.6	6.3	1.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

241 6 STATION MOUNTAIN HOME AFB ID 67-70,73-78 YEARS SEP MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.3									2.4	4.1
NNE	.8	.1										.9	2.1
NE	1.3	.7										2.0	2.7
ENE	1.2	.8	.2									2.2	3.5
E	7.2	10.8	3.6	.1								21.7	4.6
ESE	3.1	6.6	5.4	2.2	.3							17.7	6.9
SE	1.1	1.1	2.4	.8								5.4	7.2
SSE	.1	.3										.4	4.6
S	.9	.6										1.4	3.1
SSW		.1										.1	6.0
SW	.1											.1	3.0
WSW	.3	.3										.7	4.0
W	.9	1.2	.4									2.6	4.7
WNW	.8	1.3	1.2	.3	.3							4.0	7.4
NW	1.5	1.9	3.3	2.1	.4	.1						8.9	9.1
NNW	.6	1.7	1.9	1.0	.6							5.7	8.7
VARBL													
CALM												23.8	
	20.6	28.4	18.9	6.6	1.7	.1						100.6	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 6 MOUNTAIN HOME AFB ID 67-70, 73-76 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.2	.2		.1						1.6	6.4
NNE	.6		.1									.7	3.3
NE		.1										.1	4.0
ENE	.7											.3	2.5
E	2.4	7.7	3.7	1.4								10.6	6.4
ESE	3.7	6.4	9.4	6.9	1.3	.2						27.3	8.8
SE	1.6	3.1	3.9	3.6	.9							12.9	9.0
SSE	.8	1.2	.6	.1								2.7	5.2
S	.8	.3	.2									1.3	3.8
SSW	.6											.6	2.6
SW	.3	.1										.4	1.8
WSW	.2											.2	1.5
W	.6	.6	.8	.1								2.3	5.8
WNW	.8	1.1	1.1	1.2	.9							5.1	9.6
NW	.9	1.1	2.4	5.8	1.4	.6						12.2	12.1
NNW	.3	.6	1.6	2.3	1.8	.6						7.1	13.1
VARBL													
CALM												14.9	
	13.8	18.7	23.2	21.7	6.3	1.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

241 6 STATION MOUNTAIN HOME AFB ID 67-72, 73-78 YEARS SEP MONTH
ALL WEATHER CLASS 1200-1400 PAGES (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	.6	.6	.1							5.1	5.7
NNE	.3	.4										.8	4.0
NE	.2	.3										.6	3.4
ENE	.6	.3	.1									1.0	3.3
E	2.2	2.7	3.2	1.3	.2							9.5	6.8
ESE	1.1	3.5	4.6	2.9	.7	.1						12.9	8.8
SE	1.2	2.6	3.1	1.0								7.9	7.1
SSE	.7	1.2	1.0	.1								3.0	5.5
S	1.2	1.1	.2									2.6	3.8
SSW	.7	.4		.1								1.2	3.5
SW	1.0	.2	.2									1.4	3.5
WSW	.3	.6	.1	.1								1.1	5.1
W	1.8	.6	.1	.3	.2							3.2	5.5
WNW	1.3	1.8	2.1	1.6	.3							7.1	8.0
NW	1.3	2.0	4.1	4.7	1.7	.4	.1					14.3	10.8
NNW	.7	2.1	2.6	4.2	2.2	.3						12.1	11.7
VARBL													
CALM												16.1	
	16.5	21.8	22.2	16.9	5.5	.9	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY SEARCH
USAFCTAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 0 MOUNTAIN HOME AFB ID 67-70, 73-78 SEP
STATION MONTH
ALL WEATHER 1000-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.7	2.7	2.0	.3	.2						9.9	9.0
NNE	.9	.7		.1								1.7	4.2
NE	.0	.5	.1									1.1	4.1
ENE	.3	.7	.1	.2								1.3	5.4
E	1.7	1.9	1.9	.4								5.9	6.0
ESE	1.6	2.2	2.7	.9								6.7	6.5
SE	.2	1.2	1.3	.1								3.4	5.9
SSE	.4	.4	.4									1.3	5.2
S	.6	.7	.4	.1								2.0	5.3
SSW	.6	.1										.7	2.5
SW	.5	.4	.1	.1								1.2	4.8
WSW	.4	.6	.2									1.4	4.9
W	1.4	1.6	.7	.2	.1							4.0	5.4
WNW	1.9	2.2	1.9	1.6	.2							7.6	7.2
NW	1.6	2.9	5.1	5.9	1.3	.2						18.0	10.4
NNW	.9	2.4	4.8	5.3	2.7	.6						16.7	11.4
VARBL													
CALM												17.1	
	15.4	21.6	21.8	18.0	5.1	1.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24178 STATION NAME MOUNTAIN HOME AFB ID YEARS 67-70, 73-76 MONTH SEP
CLASS ALL WEATHER MONTHS (L.S.T.) 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.3	4.7	1.3	.1							11.7	6.9
NNE	.8	.2	.4									1.6	4.1
NE	.7	.7	.1									1.1	4.2
ENE	.7	.3	.7									.9	4.6
E	1.1	2.7	.9	.2	.2							4.4	5.9
ESE	.8	1.7	1.1	.1								3.0	6.0
SE	.9	1.1	.4									2.4	4.5
SSE	.6	.3	.2	.1								1.2	4.7
S	1.7	.1	.1			.1						1.3	4.8
SSW	.4	.1	.1									.7	3.5
SW	.6			.1								.7	4.3
WSW	.8	.6		.2								1.6	4.2
W	2.2	2.6	.3									5.1	3.8
WNW	2.2	2.9	2.6	.8	.1							8.6	6.4
NW	3.2	4.2	5.6	3.6	.4							17.0	7.9
NNW	3.1	4.1	4.9	4.3	1.2	.6						18.2	9.0
VARBL													
CALM												23.6	
	20.3	24.6	21.0	10.8	2.1	.7						100.6	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/40

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 5	MOUNTAIN HOME AFB ID	67-70, 73-76	SEP
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	.7	.4	.2							5.7	5.1
NNE	1.3	1.1		.2								3.1	3.7
NE	2.1	.4	.1									2.7	3.0
ENE	.7	.4										1.2	2.8
E	1.2	2.1	1.7	.4	.7							5.3	6.4
ESE	1.2	1.4	1.6	.2								4.4	6.2
SE	.9	.7	.7									1.6	4.2
SSE	.7	.3										.6	4.2
S	1.1	.3	.1		.1							1.7	4.7
SSW	.4	.1	.1	.1								.6	4.9
SW	.2	.2	.1									.6	4.4
WSW	.7	.7										1.3	3.4
W	3.3	4.4	.8	.1								9.0	4.2
WNW	3.7	4.4	2.4	1.0	.1							11.0	5.9
NW	2.1	3.7	3.3	1.9	.3							10.7	7.5
NNW	1.4	2.4	.8	.8	.6	.2						6.2	7.8
VARBL													
CALM												34.6	
	23.1	24.0	11.3	5.2	1.6	.2						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4410 STATION NAME MOUNTAIN HOME AFB MO YEARS 67-70, 73-78 SEP SEP
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	1.1	.7	.2	.1						5.3	6.6
NNE	.5	.4	.1	.3								1.3	3.7
NE	.5	.5	.1									1.3	3.3
ENE	.5	.5	.1	.2								1.6	3.6
E	3.5	4.4	2.1	.6	.1							10.7	5.3
ESE	1.9	3.5	3.6	2.3	.3	.1						11.6	7.6
SE	1.1	1.4	1.7	.8	.1							5.1	7.2
SSE	.4	.6	.3	.3								1.4	5.1
S	.9	.5	.2	.0	.2	.2						1.6	4.2
SSW	.4	.2	.1	.2								.6	3.4
SW	.4	.2	.1	.2								.7	4.0
WSW	.4	.5	.1	.0								1.0	4.1
W	1.7	2.2	.5	.1	.1							4.4	4.8
WNW	1.7	2.4	1.9	1.0	.3							7.4	7.0
NW	1.7	2.6	3.6	3.6	.3	.2	.0					12.5	9.3
NNW	1.1	2.1	2.3	2.4	1.2	.3	.0					9.4	10.1
VARBL													
CALM												24.0	
	19.2	23.5	18.1	11.3	3.2	.6	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SE VICTORY

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2-16 JOURNAL HOME AFB ID YEARS 67-71, 73-78 OCT MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.3									2.5	4.9
NNE	.6	.1	.1									.3	3.7
NE	1.0	.6										1.4	2.8
ENE	.5	.6	.3									2.3	4.2
E	3.7	3.5	1.5	.5	.1							12.0	4.5
ESE	2.9	3.9	4.0	1.7								12.8	6.8
SE	.7	1.1	1.5	.6								4.5	7.9
SSE	.5	.5	.1									1.3	3.9
S	.3	.3	.3									.9	4.3
SSW	.1	.2										.3	3.7
SW													
WSW	.5	.2	.1	.1								1.3	5.1
W	1.7	2.7	.4	.3								4.1	5.2
WNW	1.5	2.2	2.8	1.5	.1	.1						8.2	7.5
NW	1.4	2.5	3.1	2.4	1.1							10.5	8.9
NNW	.4	1.8	1.7	.5								3.8	6.7
VARBL													
CALM												34.9	
	18.6	25.1	17.2	7.7	1.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 939

610-40 OLD ATOLONY STATION
USAFETAC
AID WEATHER SE V1007-40

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2-176 STATION MOUNTAIN HOME AFB ID 67-7, 73-78 OCT
STATION NAME YEARS
ALL WEATHER CLASS
CONDICION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.6	.3								2.2	5.2
NNE	.6	.1										.8	2.7
NE	.6	.2	.1									1.0	3.0
ENE	.6	.3	.1									1.0	3.7
E	6.5	1.6	3.1	.5								21.0	4.8
ESE	2.6	4.9	4.7	1.5	.1							13.8	6.5
SE	1.7	1.6	1.9	1.1	.1							5.6	7.6
SSE	.5	.1	.2	.1								1.0	4.7
S	.8	.1	.2									.9	4.1
SSW	.1	.2	.1									.4	5.0
SW	.3											.3	2.0
WSW	.1	.5		.2								.9	6.3
W	1.5	2.6	1.7									5.1	4.7
WNW	1.8	2.5	2.2	1.3	.1							7.6	6.7
NW	1.7	3.5	2.5	2.2	.5	.1						9.2	8.7
NNW	.6	1.5	.9	1.0	.2	.1						4.3	8.1
VARBL													
CALM												24.9	
	19.0	29.5	17.1	8.2	1.1	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

5227

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 240 6 MOUNTAIN HOME AFB ID STATION NAME 67-7, 73-76 YEARS NORTH OCT 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5									2.3	4.9
NNE	.1	.3	.1									1.2	3.7
NE	.4	.2	.7									.9	4.0
ENE	.1	.5	.7									1.7	3.9
E	.1	.9	3.3	.9								21.4	4.9
ESE	.1	.9	5.6	2.6	.4							17.7	7.2
SE	.1	2.1	2.1	1.3	.4							7.1	7.9
SSE	.7	.4		.1								.6	5.3
S	.1	.4	.1									.5	5.5
SSW	.1	.3	.1									.5	4.2
SW	.1	.5	.2									1.0	4.1
WSW	.1											.5	1.8
W	1.5	1.3	.4	.2								3.5	4.5
WNW	1.3	1.6	1.9	.6	.2							5.7	6.9
NW	.5	2.7	2.6	3.1	.3	.1						8.7	9.7
NNW	.8	.6	1.8	1.5	.1							4.5	9.1
VARBL													
CALM												21.8	
	19.8	26.2	20.2	13.3	1.5	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
317 WEST 14th STREET, A-1

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01175 MONTAIGNE AFB, MO 67-71, 73-76 YEARS OCT
STATION NAME ALL WEATHER MONTH 1900-1100
CLASS CLAS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	27-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.7	1.1	.1							2.0	10.1
NNE	.2											.3	2.0
NE	.2											.2	2.5
ENE	.4	.4										1.2	3.2
E	1.0	4.3	2.0	.5	.1							9.0	5.8
ESE	2.1	3.5	9.7	5.6	1.4	.4						28.8	9.4
SE	1.5	2.3	4.8	4.7	.5	.2						13.3	9.5
SSE	.4	.9	.3									1.6	5.1
S	1.0	1.0										1.9	3.6
SSW	.1		.1	.1								.3	7.3
SW	.1	.2										.4	4.3
WSW	.4	.3	.1									.9	4.4
W	.5	1.5	.5									2.6	4.9
WNW	.5	.8	2.5	1.5	.4	.1						5.8	9.7
WW	.3	1.4	3.1	4.7	1.3	.2						12.7	12.3
NNW	.2	.5	2.3	2.7	1.3	.6						7.7	12.7
VARBL													
CALM												10.6	
	12.0	30.4	25.5	23.2	6.0	2.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 MOUNTAIN HOME AFB ID STATION NAME 67-73,73-76 YEARS OCT MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.6	1.3	1.2								4.1	8.2
NNE	.6	.2										1.6	3.2
NE	.7			.1								.3	5.3
ENE	.9	.2	.2									1.8	4.0
E	1.0	2.2	1.2	1.1								6.2	6.3
ESE	2.5	3.8	5.4	3.5	1.7	.6						16.8	9.1
SE	1.7	2.9	4.7	3.7	.3	.1						12.0	8.3
SSE	1.1	.5	.6	.1								2.5	5.4
S	1.2	.3										1.5	2.6
SSW	.9	.1	.1									1.1	2.8
SW	1.1	.3	.1									1.5	3.4
WSW	.6	.1	.2									1.0	3.6
W	.8	1.7	1.0	.5		.1						3.3	7.4
WNW	.9	1.4	1.8	1.8	.4	.2						6.6	9.4
NW	.8	2.4	2.9	6.1	2.8	1.4						16.3	12.8
NNW	1.7	1.4	2.3	4.2	1.6	.5						11.7	11.1
VARBL													
CALM												11.6	
	17.8	18.6	21.1	21.7	6.1	3.0						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24106 STATION MOUNTAIN HOME AFB ID 67-73, 73-78 YEARS OCT MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	2.4	1.6	.9	.1						8.2	8.9
NNE	.3	.6	.3									1.3	5.3
NE	.7	.3										.6	3.5
ENE	.4	.1	.3	.1								1.0	5.7
E	.6	1.5	1.4	.8		.1						4.4	7.2
ESE	1.2	2.0	2.4	1.9	.8	.1						8.4	9.0
SE	1.5	1.4	1.8	.6								5.4	6.4
SSE	.5	1.0	.3									1.8	4.7
S	.6	.8	.3	.2								1.9	5.0
SSW	.6		.1									.8	2.6
SW	.9	.4										1.3	2.8
WSW	1.6	1.3	.2									3.1	3.6
W	2.4	2.6	1.3	.1								6.3	4.6
WNW	1.1	2.7	1.8	1.9	.6	.1						8.3	8.7
NW	1.0	2.9	5.4	7.1	2.6	.6						19.6	11.4
NNW	.3	1.6	3.9	5.7	1.6	.5						13.7	11.9
VARBL													
CALM												14.0	
	14.5	21.4	21.9	20.1	6.5	1.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

5229

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24176	MOUNTAIN HOME AFB ID	67-70, 73-78	OCT
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	1.4	.5		.1						6.1	5.8
NNE	1.3	.5										1.8	2.9
NE	1.2	.3										1.5	2.6
ENE	.6											.6	2.3
E	.6	1.6	.1	.3	.1							3.2	6.2
ESE	.5	1.4	1.0	1.1	.2	.1						5.3	8.4
SE	.3	1.0	.4		.1							1.8	6.1
SSE	.5	.4	.3	.1	.1							1.5	6.1
S	.4	.5	.1									1.1	4.2
SSW	.6	.2										.9	2.8
SW	.5	.2	.1	.1								1.0	4.3
WSW	1.3	.9	.1	.1								2.4	3.7
W	5.7	4.6	.5	.2	.1							11.2	3.9
WNW	3.0	6.9	3.4	.6	.1							14.1	5.6
NW	2.5	3.1	4.3	3.4	.6	.1						14.1	8.3
NNW	1.7	2.3	2.7	2.2	.6	.4	.1					10.0	9.1
VARBL													
CALM												23.4	
	22.8	26.2	15.9	8.7	2.9	.8	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24106 STATION NAME MOUNTAIN HOME AFB 10 YEARS 67-70, 73-78 MONTH OCT
CLASS ALL WEATHER
CONDITION 2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	.4	.2								3.3	4.5
NNE	1.7	.3										2.0	2.4
NE	1.3	.2										1.5	2.4
ENE	1.7	.2										1.2	2.4
E	1.7	1.7	.2	.2								4.4	4.9
ESE	1.4	2.6	1.5	1.1	.5							7.3	7.3
SE	1.1	1.4	.6	.3								3.4	5.7
SSE	.4	.2	.2									1.4	4.8
S	.4	1.0										1.4	3.9
SSW	.3	.2		.1								.6	4.7
SW	1.1			.1								1.2	5.5
WSW	.6	1.1										1.6	3.4
W	1.5	3.5	1.2	.3								6.6	5.2
WNW	1.4	4.7	3.2	.6	.1							10.1	6.4
NW	1.9	3.2	2.7	2.8	.3							11.0	7.8
NNW	1.0	1.3	.5	.6	.3	.5						4.3	9.4
VARBL													
CALM												38.6	
	18.4	23.5	11.2	6.5	1.3	.5						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS OCT NORTH
STATION NAME ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.0	.6	.1	.0						3.8	7.0
NNE	.8	.4	.1									1.2	3.3
NE	.7	.2	.1	.0								.9	3.0
ENE	.7	.4	.1	.0								1.3	3.8
E	3.3	4.4	1.9	.6	.1	.0						10.2	5.2
ESE	2.1	3.8	4.4	2.8	.6	.2						13.9	8.1
SE	1.1	1.7	2.2	1.4	.2	.0						6.6	8.0
SSE	.5	.6	.3	.1	.0							1.4	5.1
S	.6	.5	.1	.0								1.3	4.0
SSW	.4	.1	.1	.0								.6	3.7
SW	.6	.2	.1	.0								.8	3.5
WSW	.7	.5	.1	.1								1.4	3.9
W	1.9	2.4	.8	.2	.0	.0						5.3	4.8
WNW	1.4	2.8	2.5	1.2	.3	.1						8.3	7.3
NW	1.2	2.6	3.3	4.0	1.3	.4						12.8	10.3
NNW	.8	1.4	1.9	2.3	.7	.3	.0					7.5	10.4
VARBL													
CALM												22.5	
	17.9	23.3	18.8	13.3	3.2	1.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 241 6 STATION NAME MOUNTAIN HOME AFB ID YEARS 67-72, 73-78 MONTH NOV

CLASS ALL WEATHER

CONDITION _____

1000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.4									2.3	4.4
NNE	.7	.1	.1									.9	3.6
NE	1.7	.1	.1									1.2	2.8
ENE	.7	1.7		.1								1.8	4.1
E	2.6	4.4	3.7	1.2	.1	.1						12.1	6.5
ESE	3.3	4.6	5.6	4.4	.9	.2						19.0	8.4
SE	.3	1.6	1.3	2.1	.2							6.0	9.1
SSE	.2	.7	.6	.3								1.8	7.3
S	.4	.8	.1									1.3	3.9
SSW	.4	.2	.1									.8	3.4
SW	.2	.3										.6	4.0
WSW	.2		.1									.3	3.3
W	1.6	1.4	.3	.1								3.4	4.5
WNW	1.6	2.2	1.6	.3								5.7	5.7
NW	1.0	2.2	2.4	1.9	.2							7.8	8.1
NNW	1.0	1.2	1.2	1.2	.1							4.8	7.9
VARBL													
CALM												30.2	
	16.4	22.0	17.7	11.8	1.6	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

041 6 MOUNTAIN HOME AFB ID 67-70, 73-78 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.3									1.6	4.7
NNE	.4	.4										.9	3.4
NE	1.3	.2										1.6	2.5
ENE	.7	.7	.2									1.6	4.1
E	3.4	6.2	3.4	1.6	.1							15.1	6.1
ESE	1.9	4.0	6.6	4.9	.6	.2						16.1	6.9
SE	.4	1.3	2.1	2.6	1.0							7.7	10.3
SSE	.2	.6	.2	.4	.1							1.6	6.1
S	.3	.1	.4									.9	5.1
SSW	.2	.1	.1									.4	4.3
SW	.7	.1	.1									.9	3.1
WSW	.6	.3										.9	3.5
W	1.4	1.2										2.7	3.5
WNW	1.1	2.0	.9	.7	.1							4.8	6.2
NW	.4	2.2	2.1	1.7	.4							6.9	8.9
NNW	.6	1.1	1.6	1.6	.1	.1						5.0	9.2
VARBL													
CALM												29.6	
	14.2	21.7	18.4	13.3	2.4	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

241 0 STATION MOUNTAIN HOME AFB ID 67-70, 73-76 YEARS NOV NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.2	.1								1.0	5.4
NNE	.5	.4										1.0	3.1
NE	.3	.1										.4	2.3
ENE	.2	.6	.2									1.0	5.2
E	4.7	5.4	3.2	2.0	.2	.2						15.8	6.2
ESE	1.9	3.8	6.4	5.1	.9							18.1	9.0
SE	.3	1.4	2.6	3.4	.4							8.9	10.2
SSE	.7	.3	.7	.2								1.9	5.9
S	1.2	.2		.1								1.6	3.4
SSW	.4	.1		.2								.8	6.0
SW	.4	.2	.3	.1								1.1	5.2
WSW	.6	.3		.1								1.0	3.8
W	1.6	1.8	.4	.2								4.0	4.8
WNW	1.7	2.0	1.7	.4								4.4	6.0
NW	1.4	1.9	1.1	1.3	.3	.1						6.2	7.6
NNW	.9	1.6	.9	2.0	.1	.2						5.7	8.8
VARBL													
CALM												27.1	
	17.0	20.6	17.3	15.4	2.0	.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 29116 MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS NCV NORTH 0900-1100 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	.7	.2	.2							2.8	7.1
NNE	.4	.3										.6	2.9
NE	.3	.3										.7	3.3
ENE	.6	.4	.2									1.2	4.1
E	1.7	4.8	2.7	1.8	.3	.2						11.4	7.3
ESE	2.8	6.2	7.5	8.1	2.7	.9						28.2	10.3
SE	1.1	2.3	2.1	4.1	1.4							11.9	10.5
SSE	.6	.6	.7	.8		.1						2.7	8.7
S	.8	.7		.2								1.7	4.4
SSW	.4	.1										.6	3.4
SW		.1	.1									.2	6.0
WSW	.6	.3	.2									1.1	4.2
W	1.2	2.1	.8	.2		.1	.1					4.6	6.3
WNW	1.2	1.6	1.8	1.2	.2							6.0	7.4
NW	.7	1.2	1.1	2.6	1.1	.1						6.8	10.8
NNW	1.1	.9	1.3	1.3	.6	.1						5.2	9.4
VARBL													
CALM												15.1	
	13.8	23.1	19.2	20.6	6.3	1.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MIC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

041 6 STATION MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS NOV
STATION NAME CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.2	.6	.1							4.1	7.2
NNE	.1	.3	.1									.6	4.2
NE	.2											.2	2.0
ENE	.5	.1	.1									.6	4.0
E	2.1	3.0	3.0	2.6	.6		.1					11.3	8.2
ESE	1.8	3.9	5.1	8.0	3.7	.9	.2					23.6	11.6
SE	1.2	1.6	3.4	2.1	1.7	.1						10.1	10.2
SSE	1.1	.2	.6	.1								2.8	5.2
S	.7	.8	.2									1.7	4.1
SSW	.2	.2	.1									.6	5.0
SW	.7	.2	.3									1.2	4.1
WSW	.4	.1	.2	.1								.9	5.5
W	1.3	1.7	.3	.4	.1	.1	.1					4.1	6.7
WNW	.7	1.4	1.0	1.1	.6	.2	.1					5.1	10.0
NW	1.0	2.1	3.8	2.7	2.1	1.6						13.2	11.8
NNW	.8	1.2	1.7	3.0	1.6							8.2	11.2
VARBL													
CALM												11.8	
	13.4	18.9	21.4	20.7	10.3	2.9	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/YAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 241 8 STATION NAME MOUNTAIN HOME AFB 10 YEARS 67-73, 73-78 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.3	.9								4.7	7.4
NNE	.2	.8	.1									1.1	4.6
NE	.6											.9	2.1
ENE	.3	.3	.1									.8	3.9
E	2.7	2.6	3.4	1.3	.1	.1	.1					9.7	7.3
ESE	1.2	3.4	5.8	5.7	.8	.4						17.3	10.1
SE	1.1	2.7	2.2	2.2	.1	.1						7.8	8.5
SSE	.6	1.1		.1								1.8	4.6
S	1.1	.8	.7									2.1	3.6
SSW	.8	.1										.9	2.6
SW	.9	.6	.2	.1								1.8	4.3
WSW	.7	1.4		.1								2.2	4.5
W	2.2	2.7	1.3	.2		.1						6.6	5.1
WNW	.7	1.9	1.8	1.1	.6	.1						6.1	9.1
NW	1.2	2.6	3.6	3.0	1.4	1.1	.1					13.0	11.2
NNW	.7	2.1	2.7	2.7	1.4	.3						9.9	10.8
VARBL													
CALM												13.4	
	15.3	24.9	22.8	17.4	4.4	2.3	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24175 MOUNTAIN HOME AFB ID STATION NAME 67-73, 73-76 YEARS NOV MONTH 1600-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.3	.2	.1	.1						2.6	6.7
NNE	1.1	.6										1.6	2.9
NE	.9	.1										1.0	2.6
ENE	.6	.1	.1									.8	3.1
E	1.8	2.7	2.2	1.2		.1						8.0	7.0
ESE	1.4	3.8	5.6	3.4	.2							14.4	6.2
SE	.7	1.4	1.8	1.0								4.9	7.5
SSE	.7	.7	.6	.1								2.0	5.2
S	.0	.8		.2								1.9	4.6
SSW	.1	.5	.2	.1								1.4	5.4
SW	.3	.2	.1									.7	3.7
WSW	.8	.2		.1								1.1	4.0
W	3.1	2.7	.9	.1								6.8	4.0
WNW	2.2	3.8	2.7									8.0	5.0
NW	1.0	4.1	1.4	1.7	.3	.2						9.7	7.3
NNW	1.2	1.9	1.8	1.2	.3							6.4	7.6
VARBL													
CALM												28.8	
	18.7	24.7	17.0	9.4	1.0	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME ENTAIN HOME AFB ID

67-70,73-78

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.T.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	.0	.1								2.7	5.0
NNE	.0	.4	.1									1.4	3.5
NE	.0	.1										.9	2.3
ENE	1.0	.4										1.4	2.8
E	2.4	5.4	2.6	.9								9.3	6.0
ESE	2.4	3.4	6.4	4.0	.3	.3						13.3	8.5
SE	.0	1.6	1.3	1.4								5.2	7.6
SSE	.0	1.0	.6	.1								2.3	5.0
S	.7	1.1	.1	.1								2.0	4.4
SSW	.0	.4	.0									1.6	4.4
SW	.0	.0		.1								.9	4.1
WSW	.0	.2										.8	3.1
W	1.0	2.7	.8									5.3	4.3
WNW	1.0	2.7	1.3	.9	.2	.1						7.6	6.8
NW	1.1	2.2	1.9	1.1	.6	.1						7.0	8.2
NNW	.4	.7	.8	.4	.1							2.4	7.5
VARBL													
CALM												30.8	
	16.4	22.4	16.9	9.2	1.7	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2418 STATION NAME MOUNTAIN HOME AFB ID

67-70, 73-78

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.6	.3	.1	.7						2.7	6.3
NNE	.5	.4	.1									1.0	3.5
NE	.7	.1	.2									.9	2.5
ENE	.5	.5	.1	.1								1.1	3.9
E	0.6	4.1	3.1	1.6	.7	.1	.0					11.6	6.8
ESE	.7	4.2	6.1	5.5	1.7	.4	.0					19.6	9.5
SE	.9	1.7	2.1	2.4	.6	.						7.7	9.5
SSE	.6	.7	.5	.3	.7	.7						2.1	6.2
S	.9	.7	.1	.1								1.6	4.1
SSW	.5	.3	.1	.0								.9	4.4
SW	.5	.2	.2	.0								.9	4.2
WSW	.5	.4	.1	.1								1.0	4.1
W	1.6	2.0	.6	.2	.0	.9	.0					4.7	4.9
WNW	1.3	2.2	1.5	.7	.2	.1	.0					6.0	5.9
NW	1.1	2.3	2.2	2.0	.8	.4	.0					6.8	9.6
NNW	.8	1.3	1.5	1.7	.5	.1						6.0	9.4
VARBL													
CALM												23.3	
	15.9	22.2	18.8	14.7	3.7	1.1	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 MOUNTAIN HOME AFB ID YEARS 67-71, 73-76
STATION NAME CLASS ALL WEATHER
CONDITION
DEC NORTH
1000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	.1	.1	.2							2.2	5.5
NNE	.1	.2										.8	2.6
NE	1.0	.2										1.5	2.5
NNE	.0	.0		.1								1.7	4.2
E	.6	4.1	2.7	1.5	.1							11.0	6.5
ESE	.3	4.2	3.9	5.9	2.5	.5	.1					19.4	10.5
SE	1.0	1.2	1.6	3.2	1.3		.1					8.3	10.9
SSE	.0	.3	.1	.5								1.4	8.0
S	.4	.1										.5	3.2
SSW	.2	.2	.1	.1	.1							.9	7.4
SW	.5											.5	2.4
WSW	.3	.2	.1									.6	3.5
W	1.4	1.3	.8	.3	.1							3.9	5.0
WNW	2.2	2.2	2.3	1.2	.2							8.0	6.9
NW	1.0	1.6	2.5	2.3	.4	.2	.1					9.0	8.9
NNW	1.1	.6	1.0	.4	.1							3.2	6.8
VARBL													
CALM												27.2	
	17.7	18.3	14.9	15.7	5.1	.8	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24100 MOUNTAIN HOME AFB ID

67-71, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4		.2	.1							1.0	7.8
NNE	1.7	.4										1.4	2.9
NE	1.5	.2	.1									1.8	3.0
ENE	1.1	.4	.1									1.6	3.1
E	3.5	3.9	3.7	1.1	.4							12.6	6.5
ESE	1.0	2.3	6.9	4.8	1.7	.4						18.7	10.0
SE	.6	1.6	2.8	3.7	.5							8.6	10.8
SSE	.4	.3	.3	.4	.2							1.7	8.6
S	.5	.5	.2									1.3	4.3
SSW	.1	.2										.3	3.3
SW	.2	.1	.2									.5	6.0
WSW	.4	.2	.1									.8	3.4
W	1.3	1.5	.4	.1								3.7	4.7
WNW	1.0	1.1	2.6	.6	.1							5.4	7.6
NW	1.0	2.4	2.4	2.0	1.1							8.8	9.3
NNW	1.0	1.9	1.1	.9	.3							5.2	7.4
VARBL													
CALM												27.0	
	15.8	17.6	23.9	13.9	4.5	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY PROGRAM
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24106 MOUNTAIN HOME AFB 10 67-73, 73-78 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.4	.1								1.6	4.9
NNE	.6	.5	.1									1.3	3.6
NE	.5	.6										1.4	3.5
ENE	1.0	1.1	.1									2.2	3.5
E	3.7	4.8	3.1	2.4	.4	.1						14.1	7.1
ESE	2.2	3.4	5.6	5.3	1.6	.4						19.1	9.5
SE	1.4	.9	2.4	3.3	.5	.2						8.6	10.3
SSE	.3	.3	.6	.6	.1							2.0	9.1
S	.3	.5										.9	3.5
SSW	.4											.4	2.3
SW	.1	.2										.3	3.7
WSW	1.1	.5	.1		.1							1.7	4.2
W	2.3	1.7	.5									3.8	3.8
WNW	1.6	2.3	.9	.8								3.5	5.7
NW	1.2	2.0	2.5	3.0								8.7	8.6
NNW	.8	.9	1.1	.5	.4							3.7	8.0
VARBL													
CALM												24.7	
	18.2	19.7	17.4	16.0	3.2	.8						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFET/C
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2016 STATION MOUNTAIN HOME AFB ID 67-70, 73-78 YEARS DEC
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION HOURS (L.R.T.)
7980-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3		.1								1.0	3.9
NNE	.6	.1	.1									.9	3.4
NE	.4		.1									.5	2.8
ENE	.4	.6	.1									1.2	4.3
E	2.9	4.6	4.2	2.0	.1	.4						14.3	7.4
ESE	2.3	4.6	6.3	17.2	2.6	.4						26.5	10.5
SE	.6	1.7	2.3	2.9	1.9	.3						9.8	11.8
SSE	.5	.5	.4	.2	.1							1.9	6.6
S	.5	.4										1.0	3.4
SSW	.1	.2										.3	4.3
SW	.3	.2	.1									1.1	2.9
WSW	.3	.4	.1	.1								1.0	5.0
W	2.3	1.2	.5									4.0	3.9
WNW	1.2	1.9	1.3	.8								5.2	6.4
NW	1.0	1.4	2.0	3.3	1.5	.2						8.9	10.5
NNW	.5	1.3	.5	2.0	.3							4.7	9.5
VARBL													
CALM												17.8	
	15.2	19.7	18.2	21.7	6.0	1.4						130.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24176 STATION NAME MOUNTAIN HOME AFB ID YEARS 67-70, 73-73 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.9									2.9	5.4
NNE		.1										.1	4.2
NE	.5	.1										1.0	2.7
ENE	.3	.4	.3									1.1	5.1
E	1.0	2.3	3.2	2.7	.4	.5						11.1	9.1
ESE	1.4	3.0	6.6	9.9	3.2	1.7	.2					26.9	12.1
SE	1.1	2.7	1.9	2.6	1.6	.2						9.5	10.7
SSE	1.7	.9	.6									2.4	4.8
S	.2	.1										.3	4.0
SSW	.4	.2	.1									.8	3.7
SW	.5	.1			.1							.8	4.3
WSW		.3	.4		.1							.9	8.8
W	.5	1.4	.5	.3	.2							3.9	7.1
WNW	1.3	1.9	1.3	.8	.4	.1						5.9	7.8
NW	.9	2.7	3.1	5.4	1.6	1.1						14.1	12.0
NNW	1.7	1.2	1.4	3.0	1.5	.5						8.6	11.9
VARBL													
CALM												12.7	
	12.0	16.6	20.4	24.6	9.2	4.2	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-73, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1503-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	1.5	.3	.1							4.3	6.9
NNE	.9	.3										.8	3.0
NE	.1	.3	.1									.5	4.4
ENE	.2	.4	.2									.9	5.4
E	1.3	1.9	2.7	1.6	.4	.3	.1					8.4	9.0
ESE	1.7	1.9	4.4	8.8	2.2	.6						10.9	11.9
SE	1.1	1.9	1.7	2.9	1.7							9.5	9.9
SSE	.5	.5	.3	.1								1.5	5.2
S	.8	.2										1.0	2.6
SSW	.5	.2	.1									.9	3.6
SW	1.7	.3										1.3	2.9
WSW	1.1	1.5	.2	.1								2.5	4.2
W	1.7	1.6	.5		.2							4.3	4.8
WNW	1.4	1.3	1.5	1.3	.2	.1						5.8	8.0
NW	1.2	2.7	4.1	3.7	1.6	.5						13.8	10.4
NNW	.4	1.9	2.5	3.9	.9	.6	.1					10.3	11.7
VARBL													
CALM												15.9	
	13.9	18.5	19.9	22.7	6.6	2.3	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 041 6 STATION NAME MOUNTAIN HOME AFB ID YEARS 67-70, 73-78 DEC 1800-2000
NORTH
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.1	.5									2.9	4.3
NNE	.4	.1										.5	3.0
NE	.5	.1										.6	2.3
ENE	.5		.1									.6	3.2
E	1.5	2.2	1.9	1.6		.1						7.3	7.5
ESE	1.1	2.2	5.1	5.2	2.5	.6						16.6	11.1
SE	.9	.3	2.2	2.6	.5							6.4	10.5
SSE	.3	.3	.4	.5								1.6	8.0
S	1.1	.4										1.5	2.9
SSW	.1	.1										.2	3.0
SW	.2											.2	2.0
WSW	1.1	.0	.2									2.0	3.5
W	2.5	2.2	.6									5.4	4.1
WNW	2.6	3.8	2.3	1.0	.1							9.7	5.9
NW	1.3	2.4	1.9	3.5	.3	.1						9.5	9.0
NNW	.8	1.5	.8	.8	.3	.1						4.2	8.1
VARBL													
CALM												30.5	
	16.1	17.5	16.0	15.1	3.9	1.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24178 MOUNTAIN HOME AFB MO 67-70, 73-78 YEARS DEC
STATION STATION NAME MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.2	.1								2.4	4.0
NNE	.5	.4	.1									1.1	3.5
NE	.5	.7										.8	2.9
ENE	.0		.1									.9	2.9
E	2.7	3.1	3.7	1.6	.1							11.2	6.8
ESE	1.3	2.3	3.7	6.3	2.3	.5		.3				16.8	12.2
SE	.4	.4	.9	3.5	.4	.1						5.7	12.2
SSE	.5	.6		.1								1.3	4.8
S	.5	.2										.8	2.9
SSW	.3	.2		.1								.6	4.3
SW	1.1	.2	.1									1.4	2.5
WSW	.5	.1	.1									.8	3.4
W	2.8	1.7	1.2	.3								6.0	4.6
WNW	1.6	2.6	1.4	1.1	.3							7.0	6.8
NW	1.1	1.8	1.9	2.4	.5	.2						8.0	9.4
NNW	.9	1.1	.3	.4	.1							2.8	6.3
VARBL													
CALM												32.5	
	16.7	16.1	13.7	15.9	3.8	1.1		.3				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24170
STATION

MOUNTAIN HOME AFB MD
STATION NAME

67-72, 73-78
YEARS

DEC
MONTH

ALL LEATHER
CLASS

ALL
HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3	.5	.1	.1							2.2	5.4
NNE	.5	.3	.0									.8	3.2
NE	.7	.3	.0									1.0	3.0
ENE	.6	.5	.1	.0								1.3	3.9
E	2.5	3.4	3.1	1.8	.7	.2	.6					11.2	7.4
ESE	1.7	3.1	5.3	7.0	2.3	.7	.0	.0				20.3	11.0
SE	.0	1.2	2.0	3.1	1.0	.1	.0					6.2	10.9
SSE	.0	.5	.4	.3	.1							1.7	6.9
S	.6	.3	.0									.9	3.4
SSW	.3	.2	.0	.0	.0							.6	4.3
SW	.6	.1	.1		.0							.8	3.3
WSW	.6	.5	.2	.0	.0							1.3	4.4
W	1.0	1.5	.6	.1	.1							4.2	4.7
WNW	1.6	2.1	1.7	.9	.2	.0						6.5	6.8
NW	1.2	2.7	2.6	3.2	.8	.3	.0					10.1	9.9
NNW	.8	1.3	1.1	1.5	.5	.2	.0					5.3	9.6
VARBL													
CALM												23.5	
	15.7	18.0	17.7	18.2	5.3	1.5	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24100 STATION MOUNTAIN HOME AFB ID 67-70,73-79 YEARS ALL
STATION NAME NORTH
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.4	.8	.1	.0	.7					5.1	7.1
NNE	.7	.6	.2	.1	.0							1.6	4.3
NE	.7	.4	.1	.0	.0							1.1	3.6
ENE	.7	.6	.2	.0	.0	.0						1.4	4.4
E	2.2	3.5	2.7	1.2	.2	.1	.0					9.9	6.8
ESE	1.5	3.7	4.2	4.1	1.1	.3	.0	.7				14.2	9.7
SE	.8	1.3	1.6	1.4	.4	.0	.0					5.5	8.9
SSE	.5	.6	.4	.2	.0	.0	.0					1.7	6.2
S	.6	.0	.2	.1	.0	.0	.0					1.4	4.7
SSW	.4	.3	.1	.1	.0	.0	.0					.8	4.8
SW	.4	.3	.1	.1	.0	.0						.9	4.8
WSW	.5	.4	.1	.1	.0	.0						1.2	4.7
W	1.4	1.8	.7	.2	.1	.0	.0					4.3	5.3
WNW	1.4	2.5	2.1	1.2	.3	.1	.0	.3				7.6	7.5
NW	1.4	3.1	3.8	4.1	1.6	.6	.1	.0				14.6	10.5
NNW	.0	1.8	2.3	2.7	1.1	.3	.1	.0				9.2	10.7
VARBL													
CALM												19.4	
	15.2	22.3	20.1	16.3	5.0	1.5	.2	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 87609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 241 6 MOUNTAIN HOME AFB ID 67-70, 73-79 YEARS ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT

CLASS

CONDITION

CIG 100 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	.7	.3	.7	.7						3.1	5.7
NNE	.9	.1	.1									1.1	2.9
NE	.6	.1	.7		.7							.8	3.8
ENE	.3	.5	.1									.9	4.1
E	1.6	1.7	2.7	1.7	.5	.2						7.8	6.6
ESE	1.4	2.4	2.4	4.8	2.1	.7						13.5	11.0
SE	.7	.9	.6	.7	.7	.7						3.4	9.1
SSE	.7	.4	.1	.7								1.3	4.3
S	.4	.3	.7			.7						.8	4.7
SSW	.5	.7	.2									1.0	3.9
SW	.8	.3	.1	.7	.7							1.3	4.4
WSW	.8	.7	.2	.7		.7						1.7	4.5
W	2.1	2.7	1.7	.4	.7	.2	.9					6.6	5.8
WNW	1.8	2.6	2.7	1.1	.3	.2	.1					8.1	7.7
NW	1.7	3.6	4.1	4.2	1.2	.8	.2					15.8	10.3
NNW	1.3	1.9	2.5	1.6	.8	.4	.2	.1				8.3	10.3
VARBL													
CALM												24.7	
	16.6	19.6	15.5	15.1	5.7	2.2	.5	.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2192

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

2416 MOUNTAIN HOME AFB ID

66-70, 73-70

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.3	43.8	43.8	43.8	44.6	44.9	45.8	45.9	46.2	46.2	46.3	46.3	46.3	46.5	46.5	46.5
≥20000	45.1	46.7	46.7	46.7	47.5	47.8	48.7	48.8	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.4
IV 16000	41.6	46.1	47.4	47.7	48.6	48.9	49.8	49.9	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4
IV 16000	41.9	46.2	47.5	47.8	48.7	49.1	49.9	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5
IV 14000	42.5	46.6	48.1	48.4	49.2	49.6	50.4	50.8	50.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 12000	44.0	49.0	50.4	50.8	51.6	51.9	52.8	52.9	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4
IV 10000	47.6	52.3	53.7	54.1	54.9	55.4	56.2	56.3	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
IV 9000	49.7	54.3	55.7	56.1	57.7	57.4	58.3	58.4	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9
IV 800	51.4	55.1	57.5	57.8	58.8	59.2	60.1	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8
IV 7000	55.6	61.5	61.3	62.3	63.2	63.7	64.5	64.6	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2
IV 6000	67.1	68.1	66.8	67.2	68.2	68.6	69.6	69.9	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.5
IV 5000	74.5	70.5	72.4	72.9	74.6	75.1	76.7	76.6	77.1	77.1	77.2	77.2	77.2	77.3	77.4	77.4
IV 4500	68.1	75.1	77.3	77.7	79.5	79.9	80.9	81.3	82.0	82.0	82.3	82.3	82.3	82.4	82.6	82.6
IV 4000	69.5	76.7	78.6	79.2	81.1	81.5	82.5	83.1	83.7	83.7	83.9	83.9	83.9	84.0	84.2	84.2
IV 3500	71.4	77.8	79.9	80.5	82.4	82.8	83.8	84.4	84.9	84.9	85.2	85.2	85.2	85.3	85.5	85.5
IV 3000	71.5	79.6	81.7	82.4	84.2	84.7	85.7	86.3	86.9	86.9	87.1	87.1	87.1	87.2	87.4	87.4
IV 2500	72.7	81.1	83.3	83.9	85.9	86.5	87.4	88.1	88.6	88.6	88.8	88.8	88.8	88.9	89.1	89.1
IV 2000	73.7	81.4	83.5	84.4	86.6	87.1	88.5	89.1	89.7	89.7	89.9	89.9	89.9	90.0	90.2	90.2
IV 1800	73.7	81.6	84.1	84.8	87.0	87.5	88.9	89.6	90.1	90.1	90.3	90.3	90.3	90.4	90.6	90.6
IV 1500	73.3	81.3	84.2	85.1	87.4	88.0	89.7	90.4	91.7	91.0	91.2	91.2	91.2	91.3	91.5	91.5
IV 1200	73.5	82.5	84.7	85.8	88.2	88.7	90.5	91.4	91.9	91.9	92.2	92.2	92.2	92.3	92.5	92.5
IV 1000	73.8	82.7	85.2	86.3	88.5	89.0	91.1	91.9	92.5	92.5	92.8	92.8	92.8	92.9	93.1	93.1
IV 900	74.0	83.0	85.7	86.6	89.0	89.6	91.6	92.3	93.0	93.0	93.3	93.3	93.3	93.4	93.7	93.7
IV 800	74.2	83.0	85.7	86.6	89.0	89.9	91.9	92.8	93.3	93.3	93.7	93.7	93.7	93.8	94.0	94.0
IV 700	74.1	83.1	85.8	86.7	89.1	90.0	92.0	92.9	93.4	93.4	93.8	93.8	93.8	93.9	94.1	94.1
IV 600	74.1	83.1	86.2	87.1	89.6	90.4	92.5	93.3	93.9	93.9	94.2	94.2	94.2	94.3	94.5	94.5
IV 500	74.1	83.2	86.6	87.4	89.9	90.9	92.9	93.6	94.3	94.3	94.6	94.6	94.6	94.9	95.2	95.2
IV 400	74.1	83.2	86.7	87.6	90.3	91.4	93.5	94.5	95.1	95.2	95.6	95.6	95.8	95.9	96.1	96.1
IV 300	74.1	83.2	86.7	87.6	90.8	91.8	94.2	95.9	96.5	96.6	97.0	97.2	97.5	97.6	98.0	98.4
IV 200	74.1	83.3	86.7	87.6	90.8	91.8	94.2	96.1	96.7	96.8	97.3	97.5	98.0	98.1	98.4	99.0
IV 100	74.1	83.3	86.7	87.6	90.8	91.8	94.2	96.2	96.8	97.3	97.8	98.1	98.5	98.6	99.0	99.8
IV 0	74.1	83.3	86.7	87.6	90.8	91.8	94.2	96.2	96.8	97.3	97.8	98.1	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24110 MOUNTAIN HOME AFB ID

68-70, 73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	36.2	37.0	38.0	38.9	39.0	39.4	39.7	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4
≥20000	26.2	27.6	28.5	29.5	30.7	31.7	32.6	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.3
≥18000	26.7	27.1	27.3	27.4	27.6	27.7	27.8	27.9	28.0	28.1	28.1	28.1	28.1	28.1	28.1
≥16000	27.3	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.4	28.4	28.4	28.4	28.4
≥14000	27.9	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.8
≥12000	28.5	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.3
≥10000	29.1	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.0	30.0	30.0	30.0
≥9000	29.7	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.6	30.6	30.6	30.6
≥8000	30.3	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.2	31.2	31.2	31.2
≥7000	30.9	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.8	31.8	31.8	31.8
≥6000	31.5	31.5	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4
≥5000	32.1	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.0	33.0	33.0	33.0
≥4500	32.7	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.6	33.6	33.6	33.6
≥4000	33.3	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.2	34.2	34.2	34.2
≥3500	33.9	33.9	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.8	34.8	34.8	34.8
≥3000	34.5	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2	35.3	35.4	35.4	35.4	35.4	35.4
≥2500	35.1	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.0	36.0	36.0	36.0
≥2000	35.7	35.7	35.8	35.9	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6
≥1800	36.3	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.2	37.2	37.2	37.2
≥1500	36.9	36.9	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.8
≥1200	37.5	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.4	38.4	38.4	38.4
≥1000	38.1	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.0	39.0	39.0	39.0
≥900	38.7	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.6	39.6	39.6	39.6
≥800	39.3	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.1	40.2	40.2	40.2	40.2	40.2
≥700	39.9	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.8	40.8	40.8	40.8
≥600	40.5	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.4	41.4	41.4	41.4
≥500	41.1	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.0	42.0	42.0	42.0
≥400	41.7	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.6	42.6	42.6	42.6
≥300	42.3	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.2	43.2	43.2	43.2
≥200	42.9	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.8
≥100	43.5	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4
≥0	44.1	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-73,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.1	35.9	36.7	36.7	37.1	37.1	37.7	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.2	38.2
IV 20000	34.0	37.7	38.0	38.0	38.5	38.5	39.1	39.2	39.2	39.3	39.3	39.3	39.4	39.4	39.5	39.5
IV 18000	35.1	37.8	38.7	39.1	39.6	39.6	40.2	40.3	40.3	40.4	40.4	40.4	40.5	40.5	40.6	40.6
IV 16000	35.7	38.1	38.9	39.4	39.8	39.8	40.4	40.5	40.5	40.6	40.6	40.6	40.7	40.8	40.9	40.9
IV 14000	36.1	38.9	39.8	40.2	40.6	40.6	41.3	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.7	41.7
IV 12000	36.4	41.2	42.1	42.9	42.9	42.9	43.5	43.7	43.7	43.8	43.8	43.8	43.9	43.9	44.0	44.0
IV 10000	41.2	44.3	45.7	45.7	46.1	46.1	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.2	47.2
IV 9000	43.7	46.8	47.7	48.2	48.6	48.6	49.2	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7
IV 8000	45.5	49.0	50.7	50.7	50.9	50.9	51.5	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.9	51.9
IV 7000	48.4	52.2	53.7	53.8	54.2	54.2	54.8	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.3	55.3
IV 6000	44.1	56.7	59.2	59.7	60.3	60.3	61.0	61.1	61.1	61.2	61.2	61.2	61.4	61.4	61.5	61.6
IV 5000	49.2	64.6	66.1	66.8	67.7	67.7	68.5	68.8	68.8	69.1	69.2	69.2	69.5	69.5	69.6	69.7
IV 4500	50.7	69.9	71.0	71.9	73.1	73.2	74.2	74.8	74.8	75.2	75.3	75.3	75.5	75.5	75.6	75.7
IV 4000	54.7	71.1	72.5	73.4	74.9	75.2	76.3	77.0	77.0	77.3	77.4	77.4	77.6	77.6	77.7	78.0
IV 3500	66.3	72.5	74.0	74.9	76.5	76.7	77.8	78.5	78.5	78.8	79.0	79.0	79.2	79.2	79.4	79.6
IV 3000	67.7	74.5	75.5	77.5	79.2	79.5	82.6	81.4	81.4	81.7	81.9	81.9	82.2	82.2	82.3	82.5
IV 2500	66.7	77.0	73.8	79.8	81.6	81.8	83.2	84.0	84.0	84.3	84.5	84.5	84.7	84.7	84.8	85.1
IV 2000	70.3	79.8	82.8	81.8	83.9	84.2	86.2	87.0	87.0	87.3	87.5	87.5	87.7	87.7	87.8	88.1
IV 1800	70.6	79.1	81.2	82.3	84.3	84.6	86.7	87.4	87.4	87.7	88.0	88.0	88.2	88.2	88.3	88.5
IV 1500	70.9	79.5	81.5	82.6	84.7	85.1	87.3	88.2	88.2	88.5	88.8	88.8	89.0	89.0	89.1	89.4
IV 1200	71.2	80.1	82.7	83.2	85.6	85.9	88.3	89.4	89.4	89.7	90.0	90.0	90.2	90.2	90.3	90.5
IV 1000	71.4	80.5	82.8	84.1	86.5	86.8	89.1	90.2	90.2	90.5	90.9	90.9	91.1	91.1	91.2	91.4
IV 900	71.4	80.9	82.9	84.1	86.7	87.0	89.4	90.4	90.5	90.9	91.2	91.2	91.4	91.4	91.5	91.7
IV 800	71.5	80.6	83.1	84.4	87.1	87.4	89.8	91.7	91.7	91.5	91.8	91.8	92.0	92.0	92.3	92.5
IV 700	71.5	80.6	83.2	84.5	87.3	87.6	90.0	91.2	91.3	91.7	92.0	92.0	92.3	92.4	92.5	92.8
IV 600	71.5	80.6	83.4	84.7	87.7	88.1	90.4	91.7	91.7	91.6	92.3	92.7	92.7	92.9	93.0	93.4
IV 500	71.6	80.9	83.8	85.1	88.3	88.6	91.1	92.8	92.9	93.4	93.9	93.9	94.1	94.2	94.3	94.9
IV 400	71.8	81.1	84.7	85.3	88.9	89.2	91.8	93.5	93.7	94.4	94.8	94.8	95.0	95.3	95.4	96.0
IV 300	71.8	81.1	84.0	85.3	89.1	89.5	92.2	94.2	94.5	95.3	96.0	96.0	96.6	96.8	96.9	97.6
IV 200	71.8	81.2	84.1	85.4	89.2	89.6	92.3	94.3	94.6	95.4	96.2	96.3	96.9	97.1	97.4	98.5
IV 100	71.8	81.2	84.1	85.4	89.2	89.6	92.4	94.5	94.8	95.6	96.5	96.6	97.4	97.7	98.2	99.6
IV 0	71.8	81.2	84.1	85.4	89.2	89.6	92.4	94.5	94.8	95.6	96.5	96.6	97.4	97.7	98.2	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

241.6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-72, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	34.7	34.2	34.2	34.3	34.8	34.8	35.4	35.4	35.4	35.5	35.5	35.5	35.6	35.7	35.7	35.7
≥20000	35.7	35.9	36.7	36.2	36.9	36.9	37.5	37.5	37.5	37.6	37.6	37.6	37.7	37.8	38.7	38.0
≥18000	36.7	36.9	37.7	37.2	37.8	37.8	38.5	38.5	38.5	38.6	38.6	38.6	38.7	38.8	38.9	38.9
≥16000	37.7	37.9	38.7	38.2	38.8	38.8	39.5	39.5	39.5	39.6	39.6	39.6	39.7	39.8	39.9	39.9
≥14000	38.7	38.9	39.7	39.2	39.8	39.8	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.8	40.9	40.9
≥12000	39.7	39.9	40.7	40.2	40.8	40.8	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.8	41.9	41.9
≥10000	40.7	40.9	41.7	41.2	41.8	41.8	42.5	42.5	42.5	42.6	42.6	42.6	42.7	42.8	42.9	42.9
≥9000	41.7	41.9	42.7	42.2	42.8	42.8	43.5	43.5	43.5	43.6	43.6	43.6	43.7	43.8	43.9	43.9
≥8000	42.7	42.9	43.7	43.2	43.8	43.8	44.5	44.5	44.5	44.6	44.6	44.6	44.7	44.8	44.9	44.9
≥7000	43.7	43.9	44.7	44.2	44.8	44.8	45.5	45.5	45.5	45.6	45.6	45.6	45.7	45.8	45.9	45.9
≥6000	44.7	44.9	45.7	45.2	45.8	45.8	46.5	46.5	46.5	46.6	46.6	46.6	46.7	46.8	46.9	46.9
≥5000	45.7	45.9	46.7	46.2	46.8	46.8	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.8	47.9	47.9
≥4500	46.7	46.9	47.7	47.2	47.8	47.8	48.5	48.5	48.5	48.6	48.6	48.6	48.7	48.8	48.9	48.9
≥4000	47.7	47.9	48.7	48.2	48.8	48.8	49.5	49.5	49.5	49.6	49.6	49.6	49.7	49.8	49.9	49.9
≥3500	48.7	48.9	49.7	49.2	49.8	49.8	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.8	50.9	50.9
≥3000	49.7	49.9	50.7	50.2	50.8	50.8	51.5	51.5	51.5	51.6	51.6	51.6	51.7	51.8	51.9	51.9
≥2500	50.7	50.9	51.7	51.2	51.8	51.8	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.8	52.9	52.9
≥2000	51.7	51.9	52.7	52.2	52.8	52.8	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.8	53.9	53.9
≥1800	52.7	52.9	53.7	53.2	53.8	53.8	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.8	54.9	54.9
≥1500	53.7	53.9	54.7	54.2	54.8	54.8	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.8	55.9	55.9
≥1200	54.7	54.9	55.7	55.2	55.8	55.8	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.8	56.9	56.9
≥1000	55.7	55.9	56.7	56.2	56.8	56.8	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.8	57.9	57.9
≥900	56.7	56.9	57.7	57.2	57.8	57.8	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.8	58.9	58.9
≥800	57.7	57.9	58.7	58.2	58.8	58.8	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.8	59.9	59.9
≥700	58.7	58.9	59.7	59.2	59.8	59.8	60.5	60.5	60.5	60.6	60.6	60.6	60.7	60.8	60.9	60.9
≥600	59.7	59.9	60.7	60.2	60.8	60.8	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.8	61.9	61.9
≥500	60.7	60.9	61.7	61.2	61.8	61.8	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.9	62.9
≥400	61.7	61.9	62.7	62.2	62.8	62.8	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.8	63.9	63.9
≥300	62.7	62.9	63.7	63.2	63.8	63.8	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.8	64.9	64.9
≥200	63.7	63.9	64.7	64.2	64.8	64.8	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.8	65.9	65.9
≥100	64.7	64.9	65.7	65.2	65.8	65.8	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.8	66.9	66.9
≥0	65.7	65.9	66.7	66.2	66.8	66.8	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.8	67.9	67.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 2416 MOUNTAIN HOME AFB ID STATION NAME 68-76.73-79 YEARS JAN MONTH 1200-1400 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.7	47.3	47.3	47.3	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥20000	41.7	43.7	43.7	43.7	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥18000	42.0	43.7	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 16000	42.0	44.1	44.3	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥14000	43.3	45.0	45.4	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 12000	47.6	49.4	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	52.1	54.6	54.9	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 9000	54.3	56.6	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 8000	60.7	61.8	61.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 7000	62.7	64.7	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	63.9	63.9	63.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 5000	73.8	76.2	77.1	77.4	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4500	77.5	81.2	81.2	81.6	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	80.4	83.2	84.4	84.8	85.6	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	81.0	84.0	85.2	85.6	86.7	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3000	82.8	86.2	87.6	88.1	89.4	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	83.4	87.0	88.4	88.8	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	84.7	87.5	89.1	89.6	90.9	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1800	84.0	87.5	89.2	89.7	91.0	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	84.4	88.2	89.1	89.5	91.8	91.9	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	84.5	88.5	89.6	91.2	92.5	92.6	92.8	93.4	93.4	93.4	93.4	93.7	93.9	93.9	94.1	94.1
IV 1000	85.1	87.7	91.6	92.2	93.5	93.8	94.1	94.7	94.8	94.8	94.8	95.4	95.7	95.8	96.0	96.0
IV 900	85.2	89.1	91.7	92.3	93.8	94.0	94.4	95.2	95.4	95.4	95.4	96.0	96.3	96.6	96.8	96.8
IV 800	85.4	89.4	91.9	92.5	94.3	94.6	95.4	96.1	96.3	96.3	96.3	97.0	97.3	97.5	97.7	97.7
IV 700	85.5	89.6	92.2	92.7	94.5	94.9	95.7	96.5	96.7	96.7	96.7	97.3	97.6	97.8	98.1	98.2
IV 600	85.6	89.7	92.3	92.8	94.6	95.1	95.9	96.7	97.0	97.1	97.1	97.7	98.1	98.3	98.5	98.6
IV 500	85.6	89.7	92.3	92.8	94.6	95.1	96.2	97.3	97.6	97.6	97.6	97.7	98.4	98.7	98.9	99.2
IV 400	85.6	89.7	92.4	92.9	94.7	95.2	96.5	97.6	98.0	98.1	98.1	98.8	99.1	99.4	99.6	99.7
IV 300	85.6	89.7	92.4	92.9	94.7	95.2	96.5	97.6	98.0	98.1	98.1	98.8	99.1	99.4	99.6	99.7
IV 200	85.6	89.7	92.4	92.9	94.7	95.2	96.5	97.6	98.0	98.1	98.1	98.8	99.1	99.6	99.8	100.0
IV 100	85.6	89.7	92.4	92.9	94.7	95.2	96.5	97.6	98.0	98.1	98.1	98.8	99.1	99.6	99.8	100.0
IV 0	85.6	89.7	92.4	92.9	94.7	95.2	96.5	97.6	98.0	98.1	98.1	98.8	99.1	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLO-AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0
STATION

MOUNTAIN HOME AFB 10
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS-UT-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥ 1	≥0
NO CEILING	41.7	41.7	41.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 20000	41.7	42.1	43.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 18000	43.3	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 16000	44.7	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 14000	45.4	45.6	45.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 12000	49.3	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 10000	56.3	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 9000	58.5	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 8000	61.7	63.1	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 7000	66.3	68.2	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 6000	71.2	71.6	71.9	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	77.7	79.9	79.9	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4500	82.9	82.6	83.7	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	84.6	84.6	85.3	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3500	84.5	86.5	87.6	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	85.4	88.7	89.4	89.9	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	87.7	89.1	90.5	91.1	91.4	91.5	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
IV 2000	87.8	90.1	91.3	92.4	92.7	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
IV 1800	87.8	91.1	91.3	92.4	92.8	92.9	93.2	93.3	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7
IV 1500	87.8	90.2	92.3	92.7	93.1	93.2	93.5	93.7	93.7	93.8	93.8	94.3	94.3	94.3	94.3	94.3
IV 1200	89.4	91.2	93.4	94.0	94.5	94.6	94.9	95.1	95.1	95.2	95.2	95.7	95.7	95.7	95.7	95.7
IV 1000	88.6	91.8	94.4	94.9	95.7	95.8	96.1	96.2	96.2	96.5	96.5	97.0	97.1	97.1	97.1	97.1
IV 900	88.7	91.3	94.7	95.4	96.2	96.3	96.7	96.9	96.9	97.1	97.1	97.6	97.7	97.7	97.7	97.7
IV 800	88.7	91.9	94.7	95.4	96.3	96.8	97.1	97.3	97.3	97.5	97.5	98.1	98.3	98.3	98.3	98.3
IV 700	89.7	91.9	94.7	95.4	96.6	97.0	97.5	97.7	97.7	98.0	98.0	98.5	98.7	98.8	98.8	98.8
IV 600	88.7	91.9	94.7	95.4	96.8	97.2	97.7	98.0	98.0	98.2	98.2	98.7	99.0	99.1	99.1	99.1
IV 500	88.7	91.9	94.7	95.4	96.8	97.2	97.8	98.1	98.1	98.3	98.3	98.8	99.2	99.5	99.5	99.5
IV 400	88.7	91.9	94.7	95.6	97.1	97.5	98.2	98.4	98.4	98.6	98.6	99.1	99.6	99.8	99.8	99.8
IV 300	88.7	91.9	94.7	95.6	97.1	97.5	98.2	98.4	98.5	98.7	98.7	99.2	99.7	99.9	99.9	99.9
IV 200	88.7	91.9	94.7	95.6	97.1	97.5	98.2	98.4	98.5	98.7	98.7	99.2	99.7	99.9	99.9	99.9
IV 100	88.7	91.9	94.7	95.6	97.1	97.5	98.2	98.4	98.5	98.7	98.7	99.2	99.7	99.9	99.9	99.9
IV 0	88.8	92.0	94.8	95.7	97.2	97.6	98.3	98.5	98.6	98.8	98.8	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

241.6
STATION

FOUNTAIN HOME AFB ID
STATION NAME

66-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	39.7	40.4	41.4	41.5	41.8	41.8	41.9	42.7	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.4
≥20000	41.7	42.4	42.6	43.4	43.6	43.8	43.9	44.2	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.3
≥18000	41.4	42.3	43.1	43.9	44.2	44.2	44.3	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.7
≥16000	41.3	43.2	43.4	44.3	44.6	44.8	44.7	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.2
≥14000	42.7	44.1	44.3	45.2	45.5	45.5	45.6	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.0
≥12000	46.1	47.8	47.9	48.7	49.7	49.7	49.1	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.6
≥10000	51.3	53.3	53.3	54.7	55.1	55.1	55.2	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6
≥9000	52.3	55.2	55.4	56.3	56.7	56.7	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥8000	55.1	56.5	56.8	56.8	57.1	57.1	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥7000	58.7	63.4	63.9	64.3	65.3	65.3	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥6000	66.1	68.4	69.4	70.4	70.8	70.9	71.0	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥5000	72.1	75.3	76.2	77.3	77.8	78.2	78.4	78.8	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.8
≥4500	76.1	79.5	80.9	81.6	82.2	82.5	82.7	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥4000	77.2	80.8	81.7	82.3	83.4	83.8	84.0	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥3500	78.6	83.1	84.3	85.5	86.1	86.5	86.7	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥3000	79.6	84.3	85.6	86.8	87.5	87.8	88.1	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥2500	81.5	85.3	86.7	87.8	88.6	88.9	89.1	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥2000	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥1800	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥1500	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥1200	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥1000	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥900	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥800	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥700	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥600	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥500	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥400	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥300	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥200	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥100	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥0	81.5	86.1	87.8	89.1	89.8	90.2	90.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.2

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0 STATION NAME
MOUNTAIN HOME AFB ID

68-70, 73-79 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	45.2	40.3	41.6	42.0	42.2	42.2	43.0	43.0	43.1	43.5	43.8	43.6	44.0	44.0	44.0	44.2
≥ 20000	40.7	42.4	43.7	44.1	44.3	44.3	45.2	45.2	45.3	45.7	45.9	45.9	46.1	46.1	46.1	46.3
≥ 18000	40.1	43.2	44.5	44.9	45.2	45.2	46.0	46.3	46.1	46.6	46.8	46.8	47.0	47.0	47.0	47.2
IV 16000	39.4	43.9	45.3	45.6	45.8	45.8	46.7	46.7	46.9	47.2	47.4	47.4	47.6	47.6	47.6	47.8
≥ 14000	1.1	47.1	46.3	46.8	47.0	47.7	47.8	47.8	48.7	48.4	48.6	48.6	48.8	48.8	48.8	49.0
IV 12000	2.8	46.6	47.8	48.3	48.5	48.5	49.4	49.4	49.5	49.9	50.1	50.1	50.3	50.3	50.3	50.5
≥ 10000	45.1	50.6	51.9	52.4	52.7	52.7	53.5	53.5	53.7	54.1	54.3	54.3	54.5	54.5	54.5	54.7
IV 9000	47.3	52.2	53.4	53.9	54.2	54.2	55.1	55.1	55.2	55.6	55.8	55.8	56.0	56.0	56.0	56.2
≥ 8000	50.8	55.3	56.8	57.2	57.5	57.5	58.4	58.4	58.5	58.9	59.1	59.1	59.4	59.4	59.4	59.6
IV 7000	54.7	59.7	61.7	61.4	61.7	61.7	62.6	62.6	62.7	63.1	63.3	63.3	63.5	63.5	63.5	63.8
≥ 6000	59.1	64.8	66.5	67.1	67.4	67.5	68.5	68.6	68.7	69.1	69.4	69.4	69.6	69.6	69.6	69.9
IV 5000	65.3	72.3	74.2	74.9	75.7	75.9	76.9	77.1	77.2	77.7	78.0	78.0	78.2	78.2	78.2	78.5
≥ 4500	64.1	70.3	78.2	79.4	80.1	80.3	81.3	81.6	81.7	82.3	82.5	82.5	82.7	82.7	82.7	83.0
IV 4000	69.9	77.3	79.7	80.6	81.4	81.6	82.6	82.9	83.0	83.5	83.8	83.8	84.0	84.0	84.0	84.3
≥ 3500	71.2	76.9	81.4	82.4	83.3	83.5	84.5	85.1	85.2	85.7	85.9	85.9	86.1	86.1	86.1	86.5
IV 3000	73.2	81.1	83.5	84.8	85.8	86.1	87.7	87.5	87.6	88.2	88.4	88.4	88.6	88.6	88.6	88.9
≥ 2500	74.1	82.0	84.9	85.8	86.8	87.0	88.1	88.9	89.0	89.6	89.8	89.8	90.0	90.0	90.0	90.3
IV 2000	74.6	82.7	85.5	86.6	87.7	88.1	89.6	89.4	89.5	90.1	91.3	91.3	91.5	91.5	91.5	91.8
≥ 1800	74.8	83.1	86.1	87.1	88.2	88.5	90.0	90.9	91.0	91.5	91.7	91.7	91.9	91.9	91.9	92.3
IV 1500	74.8	83.2	86.2	87.3	88.6	88.9	90.5	91.5	91.6	92.2	92.4	92.4	92.6	92.6	92.6	92.9
≥ 1200	74.9	83.8	86.8	87.7	89.0	89.4	91.1	92.0	92.2	92.7	92.9	92.9	93.2	93.2	93.2	93.5
IV 1000	75.2	84.1	87.2	88.2	89.5	89.8	91.6	92.6	92.8	93.3	93.5	93.5	93.9	93.9	93.9	94.2
≥ 900	75.3	84.1	87.3	88.3	89.7	90.2	92.2	93.1	93.3	93.9	94.2	94.2	94.5	94.5	94.5	94.8
IV 800	75.3	84.1	87.3	88.3	89.8	90.4	92.4	93.3	93.5	94.1	94.4	94.4	94.7	94.7	94.7	95.1
≥ 700	75.4	84.4	87.6	88.9	90.4	91.3	93.4	94.4	94.7	95.4	95.7	95.7	96.0	96.0	96.0	96.3
IV 600	75.4	84.4	87.6	88.9	90.8	91.7	94.1	95.1	95.4	96.0	96.3	96.3	96.8	96.8	96.8	97.1
≥ 500	75.5	84.5	87.7	89.0	91.0	92.2	94.5	95.6	95.9	96.6	96.9	96.9	97.3	97.3	97.3	97.6
IV 400	75.6	84.6	88.2	89.5	92.0	93.2	95.8	97.0	97.3	98.0	98.3	98.3	98.7	98.7	98.7	99.2
≥ 300	75.7	84.7	88.3	89.6	92.2	93.3	95.9	97.2	97.5	98.2	98.5	98.5	98.9	98.9	98.9	99.6
IV 200	75.7	84.7	88.3	89.6	92.2	93.3	95.9	97.2	97.5	98.2	98.5	98.5	98.9	98.9	98.9	99.9
≥ 100	75.7	84.7	88.3	89.6	92.2	93.3	95.9	97.2	97.5	98.2	98.5	98.5	98.9	98.9	98.9	100.0
IV 0	75.7	84.7	88.3	89.6	92.2	93.3	95.9	97.2	97.5	98.2	98.5	98.5	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 AFMPC/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FOURTH AIR FORCE AFB TX

66-73,75-79 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	35.7	39.1	39.4	37.9	40.3	43.4	42.6	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.3
≥20000	34.8	41.3	41.7	41.2	42.6	42.7	43.1	43.2	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.6
≥18000	30.5	42.1	42.5	42.4	43.3	43.4	43.6	43.9	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3
≥16000	29.3	42.4	42.7	42.3	43.7	43.2	44.2	44.3	44.4	44.5	44.6	44.6	44.6	44.6	44.7	44.7
≥14000	25.1	43.3	43.4	44.3	44.7	44.8	45.2	45.3	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.7
≥12000	43.7	46.3	46.3	47.3	47.7	47.8	48.2	48.3	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.7
≥10000	47.8	51.7	51.1	51.7	52.1	52.2	52.7	52.6	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.2
≥9000	49.8	52.7	53.7	53.7	54.2	54.3	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.2	55.2
≥8000	52.7	55.7	56.4	56.6	57.2	57.3	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.3
≥7000	56.9	60.7	62.1	61.2	61.6	61.7	62.2	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.7	62.7
≥6000	61.1	64.7	65.5	66.1	66.5	66.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.8
≥5000	67.4	71.6	72.7	73.3	74.2	74.5	75.3	75.4	75.5	75.7	75.8	75.8	75.9	75.9	75.9	76.0
≥4500	71.1	76.1	77.2	77.9	78.9	79.1	79.7	80.2	80.7	80.5	80.6	80.6	80.7	80.7	80.8	80.9
≥4000	73.7	77.6	79.1	79.8	80.8	81.2	81.8	82.3	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.1
≥3500	74.2	79.4	80.8	81.5	82.6	83.1	83.6	84.2	84.3	84.5	84.7	84.7	84.7	84.7	84.8	84.9
≥3000	75.8	81.4	83.7	83.8	85.0	85.4	86.2	86.6	86.7	87.0	87.1	87.1	87.2	87.2	87.3	87.4
≥2500	76.3	82.0	84.3	85.0	86.4	86.1	87.4	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.9
≥2000	77.9	83.6	85.4	86.3	87.7	88.1	89.1	89.7	89.9	90.1	90.3	90.3	90.4	90.4	90.5	90.6
≥1800	77.6	83.8	85.6	86.5	87.9	88.3	89.3	90.0	90.2	90.4	90.6	90.6	90.7	90.7	90.8	90.9
≥1500	78.9	84.1	86.1	86.9	88.5	88.9	90.1	90.6	90.9	91.2	91.4	91.5	91.6	91.6	91.7	91.8
≥1200	79.2	84.7	86.8	87.6	89.3	89.7	90.9	91.7	91.9	92.2	92.3	92.4	92.5	92.6	92.7	92.8
≥1000	78.5	85.1	87.4	88.3	90.1	90.5	91.8	92.6	92.8	93.2	93.4	93.5	93.7	93.8	93.8	94.0
≥900	78.6	85.2	87.6	88.5	90.4	90.9	92.2	93.1	93.3	93.7	93.9	94.0	94.2	94.3	94.3	94.4
≥800	78.7	85.3	87.8	88.7	90.7	91.3	92.7	93.7	93.9	94.3	94.6	94.7	94.9	95.0	95.1	95.2
≥700	78.3	85.4	87.9	88.9	91.0	91.7	93.2	94.2	94.4	94.9	95.2	95.3	95.5	95.6	95.7	95.9
≥600	78.8	85.5	88.1	89.1	91.4	92.1	93.7	94.7	95.1	95.5	95.7	95.8	96.1	96.2	96.3	96.5
≥500	78.8	85.6	88.3	89.3	91.7	92.4	94.1	95.3	95.6	96.1	96.3	96.5	96.8	96.9	97.1	97.2
≥400	78.9	85.7	88.5	89.5	92.2	92.9	94.7	95.9	96.2	96.8	97.1	97.3	97.6	97.8	97.9	98.2
≥300	78.9	85.7	88.5	89.5	92.3	93.0	94.9	96.3	96.6	97.3	97.7	97.9	98.3	98.4	98.7	99.0
≥200	78.9	85.7	88.5	89.5	92.3	93.0	94.9	96.3	96.6	97.4	97.8	98.1	98.5	98.7	99.0	99.4
≥100	78.9	85.7	88.5	89.6	92.3	93.1	94.9	96.4	96.9	97.6	98.0	98.2	98.7	98.9	99.2	99.9
≥0	78.9	85.7	88.5	89.6	92.3	93.1	94.9	96.4	96.9	97.6	98.0	98.2	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FORCE/THIRD SERVICE/ETAC

CEILING VERSUS VISIBILITY

DATE: MOUNTAIN HOME AFB MO
STATION: STATION NAME

68-70, 73-79

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5602-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	49.3	51.1	52.3	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥20000	49.3	51.1	52.3	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 18000	51.1	52.3	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 16000	52.3	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 10000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 9000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 8000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 7000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 6000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 5000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 4500	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 4000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 3500	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 3000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 2500	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 2000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1800	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1500	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1200	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 900	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 800	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 700	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 600	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 500	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 400	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 300	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 200	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 100	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0 MOUNTAIN HOME AFB ID

66-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	7.2	48.3	44.7	46.8	49.1	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 18000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 16000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 14000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 12000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 10000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 9000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 8000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 7000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 6000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 5000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 4500	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 4000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 3500	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 3000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 2500	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 2000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 1800	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 1500	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 1200	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 1000	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 900	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 800	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 700	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 600	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 500	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 400	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 300	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 200	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 100	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 0	7.7	51.6	51.6	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

STATION MOUNTAIN HOME AFB ID

68-70, 72-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0600
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	47.4	46.3	45.7	45.7	45.9	45.9	45.2	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.8	46.9
≥20000	46.3	47.3	47.5	47.8	47.9	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.8	48.9
≥15000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥10000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥14000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥12000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥10000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥9000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥8000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥7000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥6000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥5000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥4500	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥4000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥3500	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥3000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥2500	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥2000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥1800	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥1500	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥1200	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥1000	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥900	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥800	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥700	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥600	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥500	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥400	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥300	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥200	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥100	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4
≥0	45.3	47.8	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.3	49.4

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE BRANCH
USAFETAC
AFAT 12 SE VIO: 740

CEILING VERSUS VISIBILITY

STATION 6 MOUNTAIN HOME AFB ID

66-77, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1977-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 20000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 18000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 16000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 14000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 12000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 10000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 9000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 8000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 7000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 6000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 5000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 4500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 4000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 3500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 3000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 2500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 2000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 1800	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 1500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 1200	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 1000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 900	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 800	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 700	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 600	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 400	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 300	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 200	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 100	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 0415 MOUNTAIN HOME AFB ID

66-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
LOCAL TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.01	≥0
NO CEILING	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥20000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥18000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥16000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥14000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥10000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥9000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥8000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥7000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥6000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥5000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥4500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥4000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥3500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥3000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥2500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥2000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥1800	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1200	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥900	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥700	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AT STATION SERVICE/NAO

CEILING VERSUS VISIBILITY

STATION MOUNTAIN HOME AFB, MO

53-77, 73-79

FFR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.2	47.4	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 20000	51.4	51.4	51.4	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 18000	52.5	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 16000	53.1	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 14000	54.4	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 12000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	65.1	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	66.2	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 8000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 7000	73.3	73.3	73.3	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	76.9	76.9	76.9	76.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 600	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 400	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 2413 MOUNTAIN HOME AFB 10

66-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	47.3	47.3	49.4	47.4	47.5	49.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4500	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3500	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2500	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1800	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1500	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1200	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1000	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 900	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 800	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 700	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 600	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 500	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 400	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 300	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 200	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 100	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 0	47.4	51.4	51.5	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2116 STATION MOUNTAIN HOME AFB ID 68-70,73-79 YEARS FEB MONTH 2100-2300 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	48.2	5.9	51.1	51.9	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	50.6	53.7	53.7	53.9	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 18000	51.9	54.3	54.3	54.8	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000	53.1	55.0	55.0	55.4	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 14000	56.1	53.9	59.5	59.5	61.0	60.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 12000	61.0	64.9	65.1	65.1	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 10000	61.0	64.9	65.5	65.5	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 9000	67.5	73.8	71.4	71.4	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 8000	71.4	74.9	75.5	75.5	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 7000	81.1	85.2	85.9	85.9	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	83.6	86.8	89.8	89.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	85.3	90.7	91.8	91.8	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4500	85.3	91.1	91.1	91.1	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	86.3	91.6	93.0	93.0	94.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3500	86.0	92.1	93.9	94.0	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	86.6	92.3	94.2	94.3	96.0	96.0	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	87.1	92.4	94.3	94.4	96.1	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2000	87.1	92.6	94.4	94.6	96.2	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 400	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 200	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 0	87.0	92.6	94.6	94.7	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER & VIOLENCE

CEILING VERSUS VISIBILITY

STATION MOUNTAIN HOME AFB ID

68-72, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	47.5	47.5	47.5	48.1	48.3	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7
≥20000	48.5	50.4	50.7	51.9	51.1	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥18000	49.1	51.0	51.4	51.5	51.8	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥16000	49.5	51.4	51.7	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.6
≥14000	50.7	52.7	53.1	53.2	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥12000	53.7	55.8	56.2	56.3	56.5	56.6	56.9	56.3	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
≥10000	55.8	57.8	61.2	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0
≥9000	59.7	61.8	62.3	62.4	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1
≥8000	63.4	65.9	66.3	66.5	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.2
≥7000	67.4	69.8	70.2	70.3	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥6000	70.7	73.3	73.5	74.3	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥5000	73.7	76.7	76.9	77.3	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥4500	76.7	79.7	79.9	80.3	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥4000	79.7	82.7	82.9	83.3	83.6	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥3500	82.7	85.7	85.9	86.3	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥3000	85.7	88.7	88.9	89.3	89.6	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥2500	88.7	91.7	91.9	92.3	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥2000	91.7	94.7	94.9	95.3	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥1800	94.7	97.7	97.9	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥1500	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

041 0 MOUNTAIN HOME AFB ID

68-70, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1600	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1400	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1200	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 900	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 700	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 600	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 500	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 400	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 300	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 200	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 100	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ALC. CENTER SE-VIC/440

CEILING VERSUS VISIBILITY

STATION NAME
MOUNTAIN HOME AFB ID

66-77,73-79

YEARS

4/8
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	56.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 12455710
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0 STATION MOUNTAIN HOME AFB ID 68-70,73-79 YEARS MAC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1968-1969
 HOURS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 20000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 18000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 16000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 12000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 10000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 9000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 8000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 7000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 6000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 5000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 4000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 3500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 2500	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 2000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 1800	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 1500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 1200	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 1000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 900	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 800	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 700	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 600	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 500	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 400	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 300	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 200	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 100	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
411 PATENT SF-VICL/MAC

CEILING VERSUS VISIBILITY

2-11-5 MOUNTAIN HOME AFB ID

66-70,75-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (EST)

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.7	57.7	57.7	57.7
≥20000	59.8	59.8	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.1	60.1	60.1	60.1
IV 18000	61.5	61.5	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.1	61.1	61.1	61.1
IV 16000	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.3	61.3	61.3	61.3
IV 14000	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.7	62.7	62.7	62.7
IV 12000	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.8	65.8	65.8	65.8
IV 10000	70.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.9	70.9	70.9	70.9
IV 9000	71.1	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8
IV 8000	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.0	77.0	77.0	77.0
IV 7000	78.3	78.3	78.4	78.4	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6
IV 6000	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5
IV 5000	87.6	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3	88.5	88.5	88.5	88.5
IV 4500	89.5	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.3	90.3	90.3	90.3
IV 4000	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9	92.2	92.2	92.2	92.2
IV 3500	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.7	93.9	93.9	93.9	93.9
IV 3000	93.3	93.3	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.6	94.9	94.9	94.9	94.9
IV 2500	94.2	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.9	95.1	95.2	95.4	95.4	95.4
IV 2000	94.6	94.6	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.5	95.6	95.8	95.8	95.8	95.8
IV 1800	94.6	94.6	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.5	95.6	95.8	95.8	95.8	95.8
IV 1500	94.6	94.6	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.7	95.8	96.0	96.0	96.0	96.0
IV 1200	94.3	94.9	95.4	95.5	95.8	95.8	96.0	96.0	96.1	96.3	96.6	96.7	96.9	96.9	96.9	96.9
IV 1000	94.7	95.6	96.1	96.1	96.5	96.5	96.7	96.7	96.8	97.0	97.2	97.3	97.5	97.5	97.5	97.5
IV 900	94.7	95.6	96.1	96.2	96.6	96.6	97.0	97.0	97.1	97.3	97.5	97.6	98.0	98.0	98.0	98.0
IV 800	94.9	95.8	96.2	96.5	96.9	96.9	97.3	97.3	97.4	97.6	97.9	98.1	98.5	98.5	98.5	98.5
IV 700	95.1	95.8	96.3	96.6	97.0	97.0	97.4	97.4	97.5	97.7	98.1	98.2	98.6	98.6	98.6	98.6
IV 600	95.2	96.0	96.5	96.7	97.1	97.1	97.5	97.5	97.7	98.0	98.3	98.4	98.8	98.8	98.8	98.8
IV 500	95.2	96.1	96.6	96.8	97.2	97.2	97.6	97.7	98.1	98.3	98.7	98.8	99.2	99.2	99.2	99.2
IV 400	95.2	96.1	96.7	96.9	97.3	97.3	97.7	97.8	98.2	98.5	98.9	99.0	99.5	99.5	99.5	99.5
IV 300	95.2	96.1	96.7	96.9	97.3	97.3	97.7	97.8	98.2	98.5	98.9	99.0	99.5	99.5	99.5	99.5
IV 200	95.3	96.2	96.8	97.0	97.4	97.4	97.8	98.0	98.3	98.6	99.1	99.2	99.7	99.7	99.7	99.8
IV 100	95.3	96.2	96.8	97.0	97.4	97.4	97.8	98.0	98.3	98.6	99.1	99.2	99.7	99.7	99.7	100.0
IV 0	95.3	96.2	96.8	97.0	97.4	97.4	97.8	98.0	98.3	98.6	99.1	99.2	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMAT CLIMATOLOGY BRANCH
AFETAC
AIR-WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

STATION 6 MOUNTAIN HOME AFB MO

56-70, 73-79

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1272-1475
HOURS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥20000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥18000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥16000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥14000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥12000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥10000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥9000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥8000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥7000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥6000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥5000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥4500	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥4000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥3500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥3000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥2500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8281

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
CIVIL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

243.6
STATION

CENTRAL HOME AFB ID

STATION NAME

68-70, 73-79

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15
NO CEILING	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AFG

CEILING VERSUS VISIBILITY

STATION 2416 MOUNTAIN HOME AFB AR

60-70, 70-79

YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	56.4	56.1	55.3	55.1	54.7	53.8	53.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	56.4	56.1	55.3	55.1	54.7	53.8	53.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	60.9	60.4	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 16000	61.6	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000	63.2	62.8	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 12000	66.9	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 10000	72.4	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	73.3	74.6	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 8000	77.3	77.4	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	79.6	81.7	81.7	81.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 6000	84.9	84.9	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	92.7	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4500	94.6	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 4000	95.6	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3500	96.1	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	97.2	96.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	97.6	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	98.4	97.7	97.7	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	98.4	97.7	97.7	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	98.6	98.1	98.1	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	98.6	98.2	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	98.6	98.4	98.4	98.9	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	98.6	98.5	98.5	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.6	98.6	99.7	99.5	99.6	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
42-15-10 SERVICE/MAC

CEILING VERSUS VISIBILITY

2-1-5 MOUNTAIN HOME AFB ID

68-77, 73-79

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	1.5	62.7	62.8	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	3.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	3.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	4.5	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	5.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	6.7	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	13.4	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	74.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000	77.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	79.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	1.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	8.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	7.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	8.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	7.1	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	7.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	1.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	1.1	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	1.1	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	1.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	1.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	1.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 930

REGIONAL CLIMATOLOGY BRANCH
OFFICE
AFI AFAT-5. SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME CONTAIN HOME AFF ID

66-70, 73-79

YEARS

MAP NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	55.7	58.2	53.3	55.3	58.3	56.3	59.3	56.3	58.3	56.4	58.4	56.4	58.4	58.4	58.4	58.4
≥20000	55.7	58.2	53.3	55.3	58.3	56.3	59.3	56.3	58.3	56.4	58.4	56.4	58.4	58.4	58.4	58.4
≥18000	57.1	61.5	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥16000	57.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥14000	57.1	63.4	63.8	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
≥12000	57.1	65.3	66.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥10000	57.1	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2
≥9000	57.1	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1
≥8000	57.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3
≥7000	57.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥6000	57.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
≥5000	57.1	89.5	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1
≥4500	57.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥4000	57.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
≥3500	57.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥3000	57.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥2500	57.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥2000	57.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1800	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1500	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1200	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1000	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥900	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥800	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥700	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥600	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥500	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥400	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥300	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥200	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥100	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥0	57.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 7439

USAF CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/MSC

CEILING VERSUS VISIBILITY

STATION MOUNTAIN HOME AFB MO

66-7073-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	77.1	77.5	77.5	77.5	77.5	73.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	73.7	73.4	73.5	73.5	73.6	73.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	73.7	74.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	74.8	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	75.3	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	75.9	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	81.6	81.9	81.9	81.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	81.6	81.6	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1600	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1400	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY SEARCH
 10. FETAL
 11. SPAT. 30.10.1940

CEILING VERSUS VISIBILITY

201.4 STATION NAME: MONTAINE HOME AFB, D

68-70, 73-79 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1500 HOURS (15)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	3.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 16000	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 14000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 10000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 9000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 8000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 7000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 6000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 5000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 3000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL FLIGHT LOGS BRANCH
USAF ETAC
AIR MATHE SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: UNTAI: LOVE AFB TX STATION NAME: 51-73,73-79 YEARS: APR MONTH: 161.7-78.7 HOURS TEST:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥1/4	≥1/8	≥0
NO CEILING	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 16000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 12000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 10000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
IV 7000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
IV 6000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
IV 5000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
IV 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 4000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
IV 3500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IV 3000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 2000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5
IV 1800	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6
IV 1500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.8
IV 1200	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.6
IV 1000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6
IV 900	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
IV 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.6
IV 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 400	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 100	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION 2436 FOUNTAIN HUMB AFS MO

YEARS 68-77, 73-79

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
HOURS CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 60116 MOUNTAIN HOME AFB ID

62-70,73-79

APP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥4	≥0
NO CEILING	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	64.7	64.2	64.3	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	65.7	65.4	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 16000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	66.3	66.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 STATION MOUNTAIN HOME AFB ID 50-70, 73-79 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.0	54.0	51.0	51.0	51.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	55.0	53.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	4.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	5.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	6.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	6.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	3.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 897

8285

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
WIL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6
STATION

FOUNTAIN HOME AFB ID
STATION NAME

66-77, 73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1879-2000
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.	≥0
NO CEILING	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC/STATION SERVICE 7-10

CEILING VERSUS VISIBILITY

STATION 041.3 MOUNTAIN HOME AFB ID

05-73,73-79

APD
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21-23-25
HOURS - 11.1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	67.7	67.8	67.4	68.3	67.7	67.7	68.0	68.3	68.1	68.1	68.1	69.1	68.1	68.1	68.1	68.1
≥20000	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥18000	73.4	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥16000	73.4	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥14000	74.3	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥12000	74.3	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥10000	82.3	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥9000	82.3	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥8000	86.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥7000	86.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥6000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥5000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥4500	95.3	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥4000	95.3	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥3500	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥3000	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2500	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2000	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥1800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥1500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥1000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥900	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥700	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥600	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥400	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥300	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥100	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 897

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAP

CEILING VERSUS VISIBILITY

STATION MCINTOSH POINT AFB MD

06-77, 78-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3500	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2500	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1800	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1500	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1200	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 900	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 800	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 700	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 600	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 500	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 400	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 300	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 200	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 100	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 0	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8

TOTAL NUMBER OF OBSERVATIONS 7185

CLIMATE DIVISION
AFSC 10-100
CLIMATE SERVICE/AFSC

CEILING VERSUS VISIBILITY

STATION ENTAB FOM AFB TX STATION NAME 66-77, 7-79 YEARS 1966-1979 MAY MONTH 1966-1979
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS 1ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 900	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 800	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 700	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 600	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 400	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 300	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 200	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 100	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATE DATA
 AFSTAC
 AT STATION 52-110-1-40

CEILING VERSUS VISIBILITY

STATION 52-110-1-40 STATION NAME 52-110-1-40 YEARS 1977-1979 VAV 300-7500
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STAT E MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING ≥ 20000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IN 18000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IN 16000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IN 14000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IN 12000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 10000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IN 9000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IN 8000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IN 7000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 6000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IN 5000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 4500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 3500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 3000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 2000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	98.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATE REPORT
 MONTHLY
 WEATHER SERVICE REPORT

CEILING VERSUS VISIBILITY

STATION FOUNTAIN MT AFB

28-71, 73-79

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

500-5000
FOOT FEET

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

LOCAL OBSERVATION AREA OF
SAFETY
AT WEATHER SERVICE/MAID

CEILING VERSUS VISIBILITY

STATION NO. MOUNTAIN HOME AFB MO
STATION NAME

63-70, 73-79

YEAR

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1969
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1	≥0
NO CEILING	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
W 20000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
W 18000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
W 16000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
W 14000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
W 12000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
W 10000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
W 9000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
W 8000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
W 7000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
W 6000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
W 5000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
W 4500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
W 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
W 3500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
W 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

41 - AL CLIMATE DATA CENTER
 41 - ETAC SERVICE/ 41

CEILING VERSUS VISIBILITY

STATION 241 6 STATION NAME MOUNTAIN HOME AFB ID YEARS 65-77, 78-79 MONTH MAY HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01	≥0
NO CEILING	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 18000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 16000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 14000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 12000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 9000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 5000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 4500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 4000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 936

RELATIVE CLIMATOLOGICAL STATION
 NAME
 AIRCRAFT SERVICE/1AC

CEILING VERSUS VISIBILITY

STATION UNTA 1. BAYE AFB 10

SE-70,70-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1570-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥½	≥0
NO CEILING	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 20000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 16000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 12000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 10000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 9000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 7000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 5000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0 STATION NAME CONTAIN HOME AFE ID

66-70,73-79 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥18000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥16000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥14000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥12000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥10000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥9000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥8000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥7000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥6000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241.6 STATION MOUNTAIN HOME AFB ID
STATION NAME

68-73, 73-72 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 9000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 8000	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 7000	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 6000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	97.3	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 4500	98.0	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	98.5	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3500	98.7	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3000	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24170
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥20000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥18000	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥16000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥14000	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥12000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥10000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥9000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥8000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥7000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥6000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥5000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥4500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥4000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥3000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24175
STATION

MOUNTAIN HOME AFB ID
STATION NAME

53-70,73-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	87.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	87.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20000	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 16000	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 12000	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 10000	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 9000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 8000	91.7	91.7	91.8	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 7000	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 6000	95.1	95.3	95.4	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 5000	96.7	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	97.1	97.7	97.8	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 4000	97.3	98.0	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 3500	97.7	98.4	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	98.1	98.9	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2500	98.3	99.1	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	98.4	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	98.7	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	98.7	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.7	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24173 MOUNTAIN HOME AFB ID

68-70, 73-79

JULY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS LST

CEILING FEET	VISIBILITY ATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	≥.4	≥0
NO CEILING	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 16000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 14000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 12000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 10000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 6000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFET/C
AFB LEAFHORN SE-VIC/NAAC

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

66-72,73-79

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 18000	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 10000	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 9000	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 8000	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 7000	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 6000	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 4000	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3500	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24116
STATION

MOUNTAIN HOME AFB ID
STATION NAME

58-77,73-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1000	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 900	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 800	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 700	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 600	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 500	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 400	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 300	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 200	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 100	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

24215 CONTAIN HOME AFB ID

66-72,73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - 15.1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	75.1	75.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	77.4	78.4	78.4	78.7	78.7	79.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 9000	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241.8
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-2000
YEARS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY FRANCH
USAF ETAC
AIR FATAL SE VICE/MAC

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

58-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2359
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	74.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 18000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 16000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 14000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 12000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 8000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 7000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 6000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4500	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3500	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2500	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1800	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1500	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1200	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1000	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 900	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 800	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 700	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 600	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 500	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 400	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 300	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 200	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 100	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 0	75.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7

TOTAL NUMBER OF OBSERVATIONS 900

8296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/RAO

CEILING VERSUS VISIBILITY

24156
STATION

JUNTAI, HOME AFB ID
STATION NAME

68-71,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	73.9	73.8	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	73.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-77,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.5	24.5	64.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 20000	6.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	6.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	7.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	8.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 12000	9.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	9.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 9000	9.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	9.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	9.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	9.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	9.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	9.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	9.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥20000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥18000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥16000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥14000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥12000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥10000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥9000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥8000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥7000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥6000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥4500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 STATION MOUNTAIN HOME AFB ID

68-70, 73-79

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	1.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	5.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 18000	5.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 16000	5.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 14000	7.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 12000	9.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 10000	9.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 9000	9.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 8000	9.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 7000	9.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 6000	9.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 5000	9.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24116 MOUNTAIN HOME AFB ID

66-70, 73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	4.7	24.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 20000	7.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	8.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 16000	8.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 14000	8.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	8.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	8.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	8.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	8.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	8.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	8.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	9.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	9.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	9.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	9.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	9.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	9.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	9.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	9.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	9.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	9.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 600	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 400	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 300	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 200	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 100	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 0	10.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID

68-73,73-79

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 16000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 12000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

041.6 STATION MOUNTAIN HOME AFB ID

66-70, 73-79 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 12000	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 8000	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241.6 STATION MOUNTAIN HOME AFB ID

66-70, 73-79

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-2000
HOURS: 511

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥20000	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥18000	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥16000	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥14000	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥12000	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥10000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥9000	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥8000	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥7000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥6000	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥5000	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥4500	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥4000	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3500	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3000	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2500	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2000	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAD

CEILING VERSUS VISIBILITY

STATION 041 0 MOUNTAIN HOME AFB ID

68-70, 73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2105-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	87.6	81.6	81.6	81.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 20000	83.7	83.7	83.7	83.7	83.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 18000	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	85.0	85.0	85.0	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 12000	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 10000	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 9000	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 8000	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 7000	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 6000	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 5000	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 4500	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 4000	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 3500	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2500	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241.6 STATION MOUNTAIN HOME AFB ID

68-72,73-79

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥20000	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥18000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥16000	86.1	86.1	86.1	86.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥14000	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥12000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥10000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥8000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥7000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥6000	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥5000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥4500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥4000	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥3200	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥3000	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥2500	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥2000	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥1800	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥1500	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥1200	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥1000	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥900	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥800	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥700	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥600	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥500	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥400	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥300	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥200	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥100	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7447

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176 MOUNTAIN HOME AFB ID

68-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.5	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥20000	5.9	7.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥18000	5.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥16000	5.3	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥14000	7.8	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥12000	1.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥10000	4.9	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥9000	4.9	5.9	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥8000	7.9	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥7000	6.7	7.1	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥6000	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥5000	8.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥4500	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥4000	6.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥3500	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥3000	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥2500	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥2000	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥1800	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥1500	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥1200	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥1000	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥900	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥800	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥700	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥600	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥500	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥400	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥300	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥200	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥100	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥0	5.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY FROM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

294 C MOUNTAIN HOME AFB ID

68-73,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-7501
HOURS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.5	11.6	21.4	31.6	41.6	51.6	61.6	71.6	81.6	91.6	101.6	111.6	121.6	131.6	141.6	151.6
≥ 20000	3.0	24.3	34.3	44.3	54.4	64.4	74.4	84.4	94.4	104.4	114.4	124.4	134.4	144.4	154.4	164.4
IV 18000	4.1	24.4	34.4	44.4	54.5	64.5	74.5	84.5	94.5	104.5	114.5	124.5	134.5	144.5	154.5	164.5
IV 16000	4.2	24.6	34.6	44.6	54.7	64.7	74.7	84.7	94.7	104.7	114.7	124.7	134.7	144.7	154.7	164.7
IV 14000	5.3	26.3	36.3	46.3	56.5	66.5	76.5	86.5	96.5	106.5	116.5	126.5	136.5	146.5	156.5	166.5
IV 12000	6.4	28.4	38.4	48.4	58.4	68.4	78.4	88.4	98.4	108.4	118.4	128.4	138.4	148.4	158.4	168.4
IV 10000	7.5	29.5	39.5	49.5	59.5	69.5	79.5	89.5	99.5	109.5	119.5	129.5	139.5	149.5	159.5	169.5
IV 9000	8.6	30.6	40.6	50.6	60.6	70.6	80.6	90.6	100.6	110.6	120.6	130.6	140.6	150.6	160.6	170.6
IV 8000	9.7	31.7	41.7	51.7	61.7	71.7	81.7	91.7	101.7	111.7	121.7	131.7	141.7	151.7	161.7	171.7
IV 7000	10.8	32.8	42.8	52.8	62.8	72.8	82.8	92.8	102.8	112.8	122.8	132.8	142.8	152.8	162.8	172.8
IV 6000	11.9	33.9	43.9	53.9	63.9	73.9	83.9	93.9	103.9	113.9	123.9	133.9	143.9	153.9	163.9	173.9
IV 5000	12.0	34.0	44.0	54.0	64.0	74.0	84.0	94.0	104.0	114.0	124.0	134.0	144.0	154.0	164.0	174.0
IV 4500	12.1	34.1	44.1	54.1	64.1	74.1	84.1	94.1	104.1	114.1	124.1	134.1	144.1	154.1	164.1	174.1
IV 4000	12.2	34.2	44.2	54.2	64.2	74.2	84.2	94.2	104.2	114.2	124.2	134.2	144.2	154.2	164.2	174.2
IV 3500	12.3	34.3	44.3	54.3	64.3	74.3	84.3	94.3	104.3	114.3	124.3	134.3	144.3	154.3	164.3	174.3
IV 3000	12.4	34.4	44.4	54.4	64.4	74.4	84.4	94.4	104.4	114.4	124.4	134.4	144.4	154.4	164.4	174.4
IV 2500	12.5	34.5	44.5	54.5	64.5	74.5	84.5	94.5	104.5	114.5	124.5	134.5	144.5	154.5	164.5	174.5
IV 2000	12.6	34.6	44.6	54.6	64.6	74.6	84.6	94.6	104.6	114.6	124.6	134.6	144.6	154.6	164.6	174.6
IV 1800	12.7	34.7	44.7	54.7	64.7	74.7	84.7	94.7	104.7	114.7	124.7	134.7	144.7	154.7	164.7	174.7
IV 1500	12.8	34.8	44.8	54.8	64.8	74.8	84.8	94.8	104.8	114.8	124.8	134.8	144.8	154.8	164.8	174.8
IV 1200	12.9	34.9	44.9	54.9	64.9	74.9	84.9	94.9	104.9	114.9	124.9	134.9	144.9	154.9	164.9	174.9
IV 1000	13.0	35.0	45.0	55.0	65.0	75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0
IV 900	13.1	35.1	45.1	55.1	65.1	75.1	85.1	95.1	105.1	115.1	125.1	135.1	145.1	155.1	165.1	175.1
IV 800	13.2	35.2	45.2	55.2	65.2	75.2	85.2	95.2	105.2	115.2	125.2	135.2	145.2	155.2	165.2	175.2
IV 700	13.3	35.3	45.3	55.3	65.3	75.3	85.3	95.3	105.3	115.3	125.3	135.3	145.3	155.3	165.3	175.3
IV 600	13.4	35.4	45.4	55.4	65.4	75.4	85.4	95.4	105.4	115.4	125.4	135.4	145.4	155.4	165.4	175.4
IV 500	13.5	35.5	45.5	55.5	65.5	75.5	85.5	95.5	105.5	115.5	125.5	135.5	145.5	155.5	165.5	175.5
IV 400	13.6	35.6	45.6	55.6	65.6	75.6	85.6	95.6	105.6	115.6	125.6	135.6	145.6	155.6	165.6	175.6
IV 300	13.7	35.7	45.7	55.7	65.7	75.7	85.7	95.7	105.7	115.7	125.7	135.7	145.7	155.7	165.7	175.7
IV 200	13.8	35.8	45.8	55.8	65.8	75.8	85.8	95.8	105.8	115.8	125.8	135.8	145.8	155.8	165.8	175.8
IV 100	13.9	35.9	45.9	55.9	65.9	75.9	85.9	95.9	105.9	115.9	125.9	135.9	145.9	155.9	165.9	175.9
IV 0	14.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0	116.0	126.0	136.0	146.0	156.0	166.0	176.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

211.6 MOUNTAIN HOME AFB ID

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 18000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 16000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 10000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 9000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 8000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 7000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 5000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 4500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFM WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB AR 10
STATION NAME

66-77, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-1977
TOTAL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥½	≥0
NO CEILING	79.5	73.5	74.5	74.5	73.5	75.5	76.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 20000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 18000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 16000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 14000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 10000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 9000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 8000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 7000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 6000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 5000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIM TOLOGY SEARCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176
STATION

MCNTAIN HOME AFB ID
STATION NAME

63-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥20000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥18000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥16000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥14000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥12000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥10000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥9000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥8000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥7000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥6000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24166 MOUNTAIN HOME AFB ID

68-70, 73-79

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (feet)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 16000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 14000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 12000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 10000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 9000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 8000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 5000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176 MOUNTAIN HOME AFB ID

68-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS, S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	71.8	72.2	72.3	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	78.4	76.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	83.1	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	86.5	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 9000	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 8000	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 7000	95.7	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2416
STATION

MOUNTAIN HOME AFB MD
STATION NAME

68-73,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥20000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥18000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥16000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥14000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥12000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥10000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥8000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥7000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥6000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥4500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥3500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥2500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241.6 STATION MOUNTAIN HOME AFB ID 58-75.73-79 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	77.8	76.2	78.3	79.3	79.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 16000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 14000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 10000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 9000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 8000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 7000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 6000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

24170
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-73,73-78
YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3007-6200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.1	84.3	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 20000	26.3	86.6	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 18000	26.3	87.2	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 16000	27.4	87.9	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 14000	28.3	88.8	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 12000	29.3	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 10000	32.1	93.6	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 9000	33.1	93.9	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 8000	4.6	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 7000	25.3	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	27.2	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 5000	28.3	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	28.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 3
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1330-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	87.1	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 20000	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	88.6	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	89.2	89.2	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 14000	90.3	90.3	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000	91.2	91.2	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	93.5	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	93.7	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000	94.4	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	95.2	95.2	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

24176
STATION

MOUNTAIN HOME AFS ID
STATION NAME

67-72, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAO

CEILING VERSUS VISIBILITY

21076 MOUNTAIN HOME AFB ID

67-73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
MOON 11.1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 20000	3.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 18000	4.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 16000	4.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 14000	6.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 12000	8.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 10000	1.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 9000	2.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 8000	2.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 7000	5.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 6000	6.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 5000	8.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 4500	8.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4000	8.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3500	9.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3000	9.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	9.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2000	9.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	9.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	9.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	9.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	9.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	9.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	9.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	9.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-10	¾	≥0
NO CEILING	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
≥ 20000	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
IV 18000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
IV 16000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
IV 14000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
IV 12000	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
IV 10000	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
IV 9000	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
IV 8000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
IV 7000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
IV 6000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
IV 5000	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
IV 4500	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
IV 4000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
IV 3500	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
IV 3000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
IV 2500	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
IV 2000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
IV 1800	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
IV 1500	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
IV 1200	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
IV 1000	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	19.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (13)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	2.3	32.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	3.4	33.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	4.1	34.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	5.6	35.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	6.4	36.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	7.3	37.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	8.3	38.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	9.1	39.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	7.6	37.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	8.6	38.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	8.7	38.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	9.4	39.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	9.4	39.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 600	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 500	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 400	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 300	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 200	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 100	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 0	9.6	39.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24110
STATION

COUNTAIN HOME AFB ID
STATION NAME

67-70, 73-75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	77.1	77.1	77.1	77.1	77.0	77.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

8309

GLOBAL CLIMATE OBSERVATION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0 MOUNTAIN HOME AFB ID

67-77, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	87.3	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.8
≥ 20000	85.2	85.7	85.3	85.3	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 18000	6.1	33.1	36.1	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4
≥ 16000	6.7	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥ 14000	7.3	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3
≥ 12000	7.3	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6
≥ 10000	13.3	93.4	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 9000	13.4	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 8000	4.7	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 7000	5.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 6000	8.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 5000	9.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 4500	9.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 4000	9.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3500	9.1	99.8	99.8	99.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3000	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	9.1	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY SEARCH
 OFFICE
 AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

241 8 STATION MOUNTAIN HOME AFB MO

67-73, 73-75 YEARS

SFF

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥20000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥18000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
≥16000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
≥14000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥12000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥10000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥9000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥8000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥7000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥6000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥5000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥4500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥4000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥3500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥3000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥2500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥2000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥1800	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥1500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥1200	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥1000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥900	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥800	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥700	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥600	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥400	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥300	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥200	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥100	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
≥0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

0-11-6 STATION MOUNTAIN HOME AFB ID

67-70, 73-76

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 0-11-6

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	74.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 18000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 16000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 12000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 10000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 9000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 8000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4500	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 2500	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 2000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1800	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1000	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 800	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 600	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 500	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 400	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 300	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 200	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 100	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 0	76.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/NOG

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-75
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	71.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 30	73.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 18000	73.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	74.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 14000	74.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	78.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 10000	72.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 9000	73.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 8000	74.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 7000	76.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 6000	77.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 5000	78.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4500	79.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4000	80.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3500	81.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	81.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	82.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	82.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	82.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	82.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	82.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	82.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	82.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

STATION MOUNTAIN HOME AFB ID

67-72,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅛	≥0
NO CEILING	72.7	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.3
≥20000	5.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3
≥18000	76.3	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0
≥16000	76.9	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5
≥14000	77.9	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2
≥12000	1.4	81.8	81.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.2
≥10000	5.9	86.3	86.3	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.7
≥9000	17.1	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.7	88.0
≥8000	8.3	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.5
≥7000	89.6	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.4
≥6000	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.4
≥5000	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.1	95.1	95.3
≥4500	5.9	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.3
≥4000	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.7
≥3500	96.3	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.4
≥3000	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.2
≥2500	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.2
≥2000	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.4
≥1800	97.9	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.4
≥1500	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.5
≥1200	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.6
≥1000	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.6
≥900	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.6
≥800	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.8
≥700	97.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.1
≥600	97.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.1
≥500	97.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.1
≥400	97.8	98.1	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.6
≥300	97.8	98.1	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.8
≥200	97.8	98.1	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.8
≥100	97.8	98.1	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.9
≥0	97.8	98.1	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR STATION SERVICE/MAC

CEILING VERSUS VISIBILITY

241.6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥20000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥18000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥16000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥14000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥12000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥10000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥9000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥8000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥7000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥6000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥5000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥4500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥4000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥3500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥3000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥2500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥2000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID

67-70, 73-79

GCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

241.6 STATION MOUNTAIN HOME AFB ID 67-73, 73-78 YEARS OCT MONTH 1500-1700 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID

67-73, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.5	98.5	98.5	98.5	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.7	98.7	98.7	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEAVER AIR FORCE BASE

CEILING VERSUS VISIBILITY

STATION 24116 MOUNTAIN HOME AFB ID

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 900	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 800	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 700	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 600	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 500	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 400	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 300	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 200	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 100	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 0	78.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

STATION: UNTAIN HOME AFB ID

67-77,73-76

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-23

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	74.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
≥ 20000	74.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	76.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
IV 16000	76.7	78.0	78.1	78.1	78.2	78.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 14000	73.6	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
IV 12000	62.7	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
IV 10000	55.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 9000	46.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
IV 8000	35.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7000	27.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 6000	12.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 5000	4.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4500	3.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	2.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3500	2.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3000	1.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	1.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	1.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	1.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	0.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	0.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	0.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	0.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	0.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	0.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	0.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	0.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	0.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24176 MOUNTAIN HOME AFB ID

67-70, 73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	52.6	54.7	54.7	54.7	54.8	54.8	55.0	55.0	55.0	55.3	55.3	55.3	55.4	55.4	55.6	55.7
≥20000	56.7	57.4	58.7	58.2	58.3	58.7	58.6	58.6	58.6	58.8	58.9	58.9	58.9	59.0	59.1	59.2
≥18000	56.4	57.9	58.4	58.7	58.8	58.8	59.7	59.0	59.7	59.3	59.3	59.3	59.4	59.4	59.6	59.7
≥16000	57.2	58.7	59.3	59.4	59.6	59.6	59.8	59.8	59.8	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥14000	58.3	61.4	61.2	61.3	61.4	61.4	61.8	61.8	61.8	62.1	62.1	62.1	62.2	62.2	62.3	62.4
≥12000	61.1	63.2	64.3	64.1	64.2	64.2	64.6	64.6	64.6	64.9	64.9	64.9	65.0	65.0	65.1	65.2
≥10000	66.1	66.3	69.1	69.2	69.3	69.3	69.7	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.2	70.3
≥9000	67.3	69.6	73.7	70.4	72.6	72.6	72.9	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.4	71.6
≥8000	69.7	72.2	73.0	73.1	73.2	73.2	73.6	73.6	73.6	73.9	73.9	73.9	74.0	74.0	74.1	74.2
≥7000	72.4	75.2	76.1	76.2	76.3	76.3	76.7	76.7	76.7	77.0	77.0	77.0	77.1	77.1	77.2	77.3
≥6000	75.3	77.9	78.7	78.9	79.0	79.0	79.3	79.3	79.3	79.8	79.8	79.8	79.9	79.9	80.0	80.1
≥5000	79.6	82.7	83.6	83.8	83.9	84.0	84.3	84.3	84.3	84.8	84.8	84.8	84.9	84.9	85.0	85.1
≥4500	1.3	85.6	86.4	86.8	86.9	87.7	87.3	87.3	87.3	87.8	87.8	87.8	87.9	87.9	88.0	88.1
≥4000	82.6	86.4	87.4	87.8	88.0	88.1	88.4	88.4	88.4	88.9	88.9	88.9	89.0	89.0	89.1	89.2
≥3500	84.3	88.3	89.3	89.7	89.9	90.0	90.3	90.3	90.3	90.8	90.8	90.8	90.9	90.9	91.0	91.1
≥3000	86.7	91.6	91.9	92.2	92.6	92.7	93.0	93.0	93.0	93.4	93.4	93.4	93.6	93.6	93.7	93.8
≥2500	87.4	91.9	92.9	93.2	93.6	93.8	94.1	94.1	94.1	94.6	94.6	94.6	94.7	94.7	94.8	94.9
≥2000	88.3	93.0	94.1	94.6	94.9	95.1	95.4	95.4	95.4	95.9	95.9	95.9	96.0	96.0	96.1	96.2
≥1800	88.4	93.3	94.4	94.9	95.2	95.4	95.8	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.4	96.6
≥1500	88.4	93.3	94.4	94.9	95.2	95.4	95.8	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.4	96.6
≥1200	88.4	93.3	94.4	94.9	95.2	95.4	95.8	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.4	96.6
≥1000	88.6	93.4	94.6	95.1	95.3	95.6	95.9	95.9	95.9	96.4	96.6	96.6	96.7	96.7	96.8	96.9
≥900	88.7	93.6	94.8	95.2	95.6	95.8	96.1	96.1	96.1	96.7	96.8	96.8	96.9	96.9	97.0	97.1
≥800	88.7	93.7	94.9	95.3	95.7	95.9	96.2	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.2	97.3
≥700	88.7	93.7	94.9	95.3	95.7	95.9	96.2	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.2	97.3
≥600	88.7	93.8	95.0	95.4	95.8	96.1	96.4	96.4	96.4	97.0	97.2	97.2	97.3	97.3	97.4	97.6
≥500	88.7	93.9	95.1	95.6	95.9	96.1	96.6	96.6	96.6	97.1	97.3	97.3	97.4	97.4	97.6	97.7
≥400	88.7	94.2	95.4	95.9	96.4	96.7	97.2	97.2	97.2	97.8	98.0	98.0	98.1	98.1	98.3	98.4
≥300	88.7	94.2	95.4	95.9	96.7	96.9	97.6	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.7	98.8
≥200	88.7	94.2	95.4	95.9	96.7	96.9	97.6	97.6	97.6	97.9	98.4	98.7	98.7	98.8	99.0	99.2
≥100	88.7	94.2	95.4	95.9	96.7	96.9	97.6	97.6	97.6	97.9	98.4	98.7	98.8	99.0	99.2	99.4
≥0	88.7	94.2	95.4	95.9	96.7	96.9	97.6	97.6	97.6	97.9	98.4	98.7	98.8	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID
STATION STATION NAME

67-70, 73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	49.4	51.7	51.2	51.7	52.1	52.1	52.4	52.6	52.7	52.8	52.8	52.8	52.9	52.9	53.2	53.3
IV 18000	52.1	53.9	54.7	55.1	55.4	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.2	56.2	56.6	56.7
IV 16000	54.2	55.3	56.1	56.4	56.9	56.9	57.2	57.3	57.4	57.6	57.6	57.6	57.7	57.7	58.2	58.1
IV 14000	56.1	57.3	58.1	58.4	58.9	58.9	59.2	59.3	59.4	59.6	59.6	59.6	59.7	59.8	60.1	60.2
IV 12000	58.3	59.4	60.3	61.1	61.4	61.4	61.8	61.9	62.1	62.1	62.1	62.1	62.2	62.3	62.7	62.8
IV 10000	60.1	60.6	61.1	61.7	62.1	62.1	62.4	62.6	62.7	62.8	62.8	62.8	62.9	63.0	63.3	63.4
IV 9000	61.3	62.3	63.0	63.4	63.9	63.9	64.2	64.3	64.4	64.6	64.6	64.6	64.7	64.8	65.1	65.2
IV 8000	62.7	63.7	64.3	64.8	65.2	65.2	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.1	66.4	66.5
IV 7000	64.1	65.1	65.7	66.1	66.6	66.6	67.0	67.1	67.2	67.3	67.3	67.3	67.4	67.5	67.8	67.9
IV 6000	65.5	66.5	67.1	67.6	68.0	68.0	68.4	68.5	68.6	68.7	68.7	68.7	68.8	68.9	69.2	69.3
IV 5000	66.9	67.9	68.5	69.0	69.4	69.4	69.8	69.9	70.0	70.1	70.1	70.1	70.2	70.3	70.6	70.7
IV 4500	68.3	69.3	69.9	70.4	70.8	70.8	71.2	71.3	71.4	71.5	71.5	71.5	71.6	71.7	72.0	72.1
IV 4000	69.7	70.7	71.3	71.8	72.2	72.2	72.6	72.7	72.8	72.9	72.9	72.9	73.0	73.1	73.4	73.5
IV 3500	71.1	72.1	72.7	73.2	73.6	73.6	74.0	74.1	74.2	74.3	74.3	74.3	74.4	74.5	74.8	74.9
IV 3000	72.5	73.5	74.1	74.6	75.0	75.0	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.9	76.2	76.3
IV 2500	73.9	74.9	75.5	76.0	76.4	76.4	76.8	76.9	77.0	77.1	77.1	77.1	77.2	77.3	77.6	77.7
IV 2000	75.3	76.3	76.9	77.4	77.8	77.8	78.2	78.3	78.4	78.5	78.5	78.5	78.6	78.7	79.0	79.1
IV 1800	76.7	77.7	78.3	78.8	79.2	79.2	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.1	80.4	80.5
IV 1500	78.1	79.1	79.7	80.2	80.6	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.5	81.8	81.9
IV 1200	79.5	80.5	81.1	81.6	82.0	82.0	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.9	83.2	83.3
IV 1000	80.9	81.9	82.5	83.0	83.4	83.4	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.3	84.6	84.7
IV 900	82.3	83.3	83.9	84.4	84.8	84.8	85.2	85.3	85.4	85.5	85.5	85.5	85.6	85.7	86.0	86.1
IV 800	83.7	84.7	85.3	85.8	86.2	86.2	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.1	87.4	87.5
IV 700	85.1	86.1	86.7	87.2	87.6	87.6	88.0	88.1	88.2	88.3	88.3	88.3	88.4	88.5	88.8	88.9
IV 600	86.5	87.5	88.1	88.6	89.0	89.0	89.4	89.5	89.6	89.7	89.7	89.7	89.8	89.9	90.2	90.3
IV 500	87.9	88.9	89.5	90.0	90.4	90.4	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.3	91.6	91.7
IV 400	89.3	90.3	90.9	91.4	91.8	91.8	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.7	93.0	93.1
IV 300	90.7	91.7	92.3	92.8	93.2	93.2	93.6	93.7	93.8	93.9	93.9	93.9	94.0	94.1	94.4	94.5
IV 200	92.1	93.1	93.7	94.2	94.6	94.6	95.0	95.1	95.2	95.3	95.3	95.3	95.4	95.5	95.8	95.9
IV 100	93.5	94.5	95.1	95.6	96.0	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.9	97.2	97.3
IV 0	94.9	95.9	96.5	97.0	97.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.3	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 041 3 MOUNTAIN HOME AFB MD STATION NAME

67-73, 73-78 YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-3800
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.3	45.3	45.3	46.3	45.3	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.9	46.9	47.4	47.6
≥ 20000	47.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 9000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 7000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 6000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 5000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 4500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 4000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 3500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 3000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 2500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 2000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1800	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1200	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 900	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 800	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 700	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 600	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 400	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 300	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 200	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 100	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 241 6 MOUNTAIN HOME AFB MD

67-77,73-72

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-11-30
HOURS 11.5

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	44.4	44.8	44.7	44.7	47.2	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.8
≥ 20000	43.4	46.8	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 18000	43.3	46.4	46.3	46.3	49.1	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.6	49.7
≥ 16000	43.4	46.8	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 14000	42.3	46.6	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 12000	45.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 10000	41.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 9000	43.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 8000	46.3	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 7000	41.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 6000	44.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 5000	46.3	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 4500	42.3	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 4000	44.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 3500	45.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 3000	47.3	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 2500	48.4	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 2000	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 1800	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 1500	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 1200	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 1000	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 900	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 800	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 700	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 600	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 500	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 400	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 300	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 200	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 100	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9
≥ 0	49.7	46.7	46.7	46.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8	49.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION: MOUNTAIN HOME AFB ID

67-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1205-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	46.3	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	52.3	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	54.1	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	57.1	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	61.1	61.3	61.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	65.1	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	67.7	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	77.1	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000	84.2	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	86.3	86.9	87.7	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	87.2	88.6	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	91.1	91.3	91.8	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	93.1	93.2	93.4	93.1	93.2	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL COMM. TOLOGY BRANCH
USAFETAC
A2 CAT-1 SE VICT/MAC

CEILING VERSUS VISIBILITY

STATION: UNY30 HUNT AFB TX YEARS: 57-70, 73-75 ACV: 1500-1700
STATION NAME: 1 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS: 1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 18000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 16000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 14000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 12000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 10000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 9000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 7000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 6000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 5000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 3000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2500	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

241 STATION MOUNTAIN HOME AFB ID

67-73-73 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥20000	51.1	51.1	51.1	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥18000	53.9	54.7	54.9	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 16000	54.4	55.2	55.4	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 14000	55.1	55.8	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	57.1	57.8	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 10000	61.1	61.3	61.3	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 9000	69.4	69.3	69.3	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 8000	70.9	71.3	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	73.7	74.7	74.4	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 6000	77.4	78.6	78.8	79.2	79.3	79.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	81.4	81.7	82.1	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4500	85.1	86.6	87.1	87.1	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	87.0	88.7	89.3	89.3	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	87.8	89.7	90.2	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3000	90.9	91.9	91.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2500	92.3	92.2	93.5	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	94.7	94.3	95.3	95.4	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	95.2	95.1	96.3	96.4	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	96.2	95.1	96.3	96.4	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	96.3	95.3	96.7	96.8	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	96.4	95.6	96.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	96.4	95.7	97.1	97.3	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	96.6	95.9	97.2	97.4	98.0	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	96.7	96.1	97.3	97.6	98.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	96.8	96.2	97.4	97.8	98.4	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	96.9	96.3	97.5	97.8	98.4	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	96.9	96.4	97.6	98.1	98.9	98.9	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	96.9	96.4	97.8	98.1	98.9	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 200	96.9	96.4	97.8	98.1	98.9	98.9	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	96.9	96.4	97.8	98.1	98.9	98.9	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	96.9	96.4	97.8	98.1	98.9	98.9	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SE VICE/MAC

CEILING VERSUS VISIBILITY

24176
STATION

CONTAIR HOME AFK ID
STATION NAME

67-75,73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2166-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.2	53.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	7.1	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 18000	5.1	59.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 16000	5.3	61.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 14000	5.4	62.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 12000	5.5	63.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 10000	5.6	64.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	5.7	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 8000	5.8	67.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	5.9	68.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	6.0	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 5000	6.1	70.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4500	6.2	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 4000	6.3	73.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 3500	6.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 3000	6.5	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 2500	6.6	76.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	6.7	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 1800	6.8	79.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 1500	6.9	80.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1200	7.0	81.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1000	7.1	82.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 900	7.2	84.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 800	7.3	85.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 700	7.4	86.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 600	7.5	87.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 500	7.6	88.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 400	7.7	90.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 300	7.8	91.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 200	7.9	92.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 100	8.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 0	8.1	94.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

241 6
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-72
YEARS

NCV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (1-24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 20000	49.4	49.1	49.4	49.5	49.5	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	50.0	50.1	50.2
≥ 18000	52.6	53.3	53.4	53.7	53.8	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.3	54.4
≥ 16000	53.2	53.4	54.2	54.4	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.0	55.0
≥ 14000	54.1	54.8	55.1	55.2	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.8	55.9
≥ 12000	56.2	57.1	57.4	57.6	57.7	57.7	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.3	58.3
≥ 10000	59.9	60.7	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.9
≥ 9000	65.5	66.4	66.8	66.9	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.7
≥ 8000	67.5	68.4	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.7	69.7
≥ 7000	71.2	71.5	71.5	71.7	71.8	71.8	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.4	72.5
≥ 6000	73.7	74.8	75.1	75.3	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.1	76.1
≥ 5000	76.5	78.1	78.5	78.6	78.8	78.8	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.5	79.5
≥ 4500	82.3	83.7	84.1	84.3	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.4	85.4
≥ 4000	84.7	86.5	86.9	87.2	87.5	87.5	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.3	88.3
≥ 3500	85.7	87.7	88.1	88.4	88.7	88.7	88.9	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.5	89.5
≥ 3000	87.2	89.3	89.8	90.1	90.4	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.3	91.3
≥ 2500	88.6	90.9	91.4	91.8	92.2	92.2	92.5	92.7	92.7	92.8	92.8	92.8	92.9	93.0	93.1	93.2
≥ 2000	89.6	92.2	92.9	93.2	93.6	93.7	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.6	94.7
≥ 1800	90.1	93.1	93.9	94.2	94.7	94.8	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.7	95.8	95.9
≥ 1500	90.3	93.3	94.2	94.5	95.0	95.1	95.5	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.1	96.2
≥ 1200	90.7	93.5	94.5	94.8	95.3	95.4	95.8	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.5	96.6
≥ 1000	90.9	93.7	94.7	95.1	95.6	95.7	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.7	96.8	96.8
≥ 900	91.0	93.9	94.9	95.3	95.8	95.9	96.3	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.2	97.2
≥ 800	91.1	94.1	95.1	95.5	96.0	96.1	96.5	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.4	97.4
≥ 700	91.2	94.2	95.2	95.6	96.1	96.2	96.6	96.7	96.8	97.0	97.2	97.3	97.3	97.4	97.5	97.7
≥ 600	91.3	94.2	95.3	95.7	96.2	96.3	96.8	97.1	97.1	97.3	97.5	97.5	97.6	97.7	97.8	97.9
≥ 500	91.3	94.2	95.3	95.8	96.3	96.4	97.0	97.2	97.3	97.5	97.7	97.7	97.8	97.9	98.0	98.1
≥ 400	91.3	94.3	95.4	95.9	96.5	96.6	97.2	97.5	97.6	97.8	97.9	98.0	98.1	98.2	98.4	98.5
≥ 300	91.3	94.3	95.5	96.0	96.7	96.8	97.4	97.7	97.8	98.1	98.2	98.3	98.4	98.5	98.7	98.8
≥ 200	91.3	94.4	95.6	96.1	96.8	96.9	97.6	97.9	98.0	98.3	98.4	98.5	98.6	98.8	99.0	99.2
≥ 100	91.3	94.4	95.6	96.1	96.8	96.9	97.6	98.0	98.1	98.4	98.6	98.7	98.8	99.0	99.1	99.4
≥ 0	91.3	94.4	95.6	96.1	96.8	96.9	97.6	98.0	98.1	98.4	98.6	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 0
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	43.4	45.9	46.1	46.1	46.1	46.2	46.6	46.7	46.7	46.7	46.9	46.9	46.9	47.0	47.1	47.2
≥20000	46.1	46.3	46.4	46.4	46.8	46.9	49.2	49.4	49.4	49.4	49.6	49.6	49.6	49.7	49.8	49.9
≥18000	46.9	47.1	47.4	47.4	47.4	49.5	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.2	50.3	50.4
≥16000	47.0	47.2	47.5	47.5	47.5	49.5	49.9	51.1	51.1	51.0	51.2	51.2	51.2	51.3	51.4	51.5
≥14000	47.9	48.1	48.2	48.2	48.2	49.8	50.1	50.2	50.2	50.2	50.4	50.4	50.4	50.5	50.7	50.8
≥12000	48.9	49.1	49.2	49.2	49.2	49.8	50.1	50.2	50.2	50.2	50.4	50.4	50.4	50.5	50.7	50.8
≥10000	49.9	50.1	50.2	50.2	50.2	50.8	51.1	51.2	51.2	51.2	51.4	51.4	51.4	51.5	51.7	51.8
≥9000	50.9	51.1	51.2	51.2	51.2	51.8	52.1	52.2	52.2	52.2	52.4	52.4	52.4	52.5	52.7	52.8
≥8000	51.9	52.1	52.2	52.2	52.2	52.8	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.5	53.7	53.8
≥7000	52.9	53.1	53.2	53.2	53.2	53.8	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.5	54.7	54.8
≥6000	53.9	54.1	54.2	54.2	54.2	54.8	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.5	55.7	55.8
≥5000	54.9	55.1	55.2	55.2	55.2	55.8	56.1	56.2	56.2	56.2	56.4	56.4	56.4	56.5	56.7	56.8
≥4500	55.9	56.1	56.2	56.2	56.2	56.8	57.1	57.2	57.2	57.2	57.4	57.4	57.4	57.5	57.7	57.8
≥4000	56.9	57.1	57.2	57.2	57.2	57.8	58.1	58.2	58.2	58.2	58.4	58.4	58.4	58.5	58.7	58.8
≥3500	57.9	58.1	58.2	58.2	58.2	58.8	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.5	59.7	59.8
≥3000	58.9	59.1	59.2	59.2	59.2	59.8	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.5	60.7	60.8
≥2500	59.9	60.1	60.2	60.2	60.2	60.8	61.1	61.2	61.2	61.2	61.4	61.4	61.4	61.5	61.7	61.8
≥2000	60.9	61.1	61.2	61.2	61.2	61.8	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.7	62.8
≥1800	61.9	62.1	62.2	62.2	62.2	62.8	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.5	63.7	63.8
≥1500	62.9	63.1	63.2	63.2	63.2	63.8	64.1	64.2	64.2	64.2	64.4	64.4	64.4	64.5	64.7	64.8
≥1200	63.9	64.1	64.2	64.2	64.2	64.8	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.7	65.8
≥1000	64.9	65.1	65.2	65.2	65.2	65.8	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.5	66.7	66.8
≥900	65.9	66.1	66.2	66.2	66.2	66.8	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.7	67.8
≥800	66.9	67.1	67.2	67.2	67.2	67.8	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.5	68.7	68.8
≥700	67.9	68.1	68.2	68.2	68.2	68.8	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.7	69.8
≥600	68.9	69.1	69.2	69.2	69.2	69.8	70.1	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.7	70.8
≥500	69.9	70.1	70.2	70.2	70.2	70.8	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.5	71.7	71.8
≥400	70.9	71.1	71.2	71.2	71.2	71.8	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.5	72.7	72.8
≥300	71.9	72.1	72.2	72.2	72.2	72.8	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.5	73.7	73.8
≥200	72.9	73.1	73.2	73.2	73.2	73.8	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.5	74.7	74.8
≥100	73.9	74.1	74.2	74.2	74.2	74.8	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.7	75.8
≥0	74.9	75.1	75.2	75.2	75.2	75.8	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.7	76.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

213 6 MOUNTAIN HOME AFB ID

67-72, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-2500
HOURS IN ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	1.1	43.9	44.1	44.2	44.3	44.3	44.7	44.7	44.9	45.1	45.1	45.1	45.4	45.4	45.5	45.7
≥20000	4.0	45.7	46.7	46.6	46.7	46.7	47.3	47.1	47.3	47.4	47.4	47.4	47.7	47.7	47.8	48.1
≥18000	4.3	46.3	47.1	47.2	47.3	47.3	47.7	47.7	48.0	48.1	48.1	48.1	48.4	48.4	48.5	48.7
≥16000	4.2	46.7	47.4	47.7	47.6	47.6	48.1	48.1	48.3	48.4	48.4	48.4	48.7	48.7	48.8	49.0
≥14000	46.5	48.1	48.8	48.9	49.7	49.1	49.5	49.5	49.7	49.8	49.8	49.8	50.1	50.1	50.2	50.4
≥12000	49.7	49.7	50.4	50.5	50.6	50.6	51.1	51.1	51.3	51.4	51.4	51.4	51.7	51.7	51.8	52.0
≥10000	51.9	52.9	54.6	54.7	54.8	54.9	55.4	55.4	55.6	55.7	55.7	55.7	56.0	56.0	56.1	56.3
≥9000	53.7	55.8	56.3	56.5	56.6	56.6	57.1	57.1	57.3	57.4	57.4	57.4	57.7	57.7	57.8	58.1
≥8000	5.5	57.6	58.4	58.5	58.6	58.6	59.1	59.1	59.4	59.5	59.5	59.5	59.8	59.8	59.9	60.1
≥7000	61.6	64.9	64.7	64.8	64.9	64.9	65.8	65.8	65.7	65.8	65.8	65.8	66.1	66.1	66.2	66.6
≥6000	5.7	68.4	69.2	69.4	69.6	69.6	70.1	70.1	70.3	70.4	70.4	70.4	70.8	70.8	70.9	71.2
≥5000	71.5	75.9	76.5	76.7	77.1	77.2	77.7	77.7	78.2	78.2	78.1	78.1	78.4	78.4	78.5	78.8
≥4500	74.5	79.1	81.1	81.3	81.9	81.1	81.6	81.6	81.8	82.0	82.0	82.0	82.4	82.4	82.5	82.8
≥4000	75.4	81.1	81.7	81.8	81.9	82.1	82.7	82.7	82.9	83.1	83.1	83.1	83.4	83.4	83.5	83.9
≥3500	77.3	82.2	83.3	83.5	84.3	84.4	85.1	85.1	85.3	85.5	85.5	85.5	85.8	85.8	85.9	86.2
≥3000	78.8	84.7	85.5	85.7	86.6	86.7	87.3	87.3	87.5	87.7	87.7	87.7	88.1	88.1	88.2	88.5
≥2500	80.3	86.0	87.4	87.7	88.6	88.7	89.5	89.5	89.7	89.9	89.9	89.9	90.2	90.2	90.3	90.6
≥2000	1.0	86.9	88.5	88.8	89.9	90.1	90.8	90.8	91.0	91.2	91.2	91.2	91.5	91.5	91.6	91.9
≥1800	11.7	87.7	88.6	89.0	90.0	90.1	90.9	90.9	91.1	91.3	91.3	91.3	91.6	91.6	91.7	92.0
≥1500	1.2	88.4	89.1	89.6	90.6	90.8	91.5	91.7	91.9	92.2	92.2	92.2	92.5	92.5	92.6	92.9
≥1200	1.2	87.5	89.4	89.8	90.9	91.0	91.7	91.9	92.2	92.4	92.4	92.4	92.7	92.7	92.8	93.1
≥1000	21.2	87.5	89.4	90.0	91.2	91.3	92.2	92.5	92.7	92.9	92.9	92.9	93.2	93.2	93.3	93.7
≥900	11.2	87.7	89.8	90.5	91.7	91.8	92.7	93.0	93.3	93.5	93.5	93.5	93.9	93.9	94.0	94.3
≥800	21.2	87.7	89.8	90.0	91.8	91.9	92.9	93.3	93.7	93.9	93.9	93.9	94.2	94.2	94.3	94.6
≥700	1.2	87.7	89.9	90.9	92.0	92.2	93.1	93.7	94.1	94.2	94.2	94.2	94.5	94.5	94.6	94.9
≥600	31.3	87.8	90.7	91.0	92.2	92.3	93.4	94.0	94.3	94.5	94.6	94.6	95.1	95.1	95.3	95.6
≥500	11.1	87.8	90.1	91.1	92.6	92.7	94.0	94.5	94.9	95.2	95.3	95.3	95.9	95.9	96.2	97.0
≥400	31.3	87.8	90.1	91.1	92.6	92.7	94.0	94.6	95.1	95.3	95.4	95.5	96.3	96.3	96.7	97.7
≥300	11.4	88.0	90.2	91.2	92.7	92.8	94.1	94.7	95.2	95.4	95.5	95.7	96.8	96.8	97.4	99.0
≥200	31.4	88.0	90.2	91.2	92.7	92.8	94.1	94.7	95.2	95.4	95.5	95.7	97.0	97.2	97.8	99.9
≥100	31.4	88.1	90.2	91.2	92.7	92.8	94.1	94.7	95.2	95.4	95.5	95.7	97.1	97.3	98.0	100.0
≥0	31.4	88.0	90.2	91.2	92.7	92.8	94.1	94.7	95.2	95.4	95.5	95.7	97.1	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 67-70, 73-76
STATION NAME MOUNTAIN HOME AFB ID

67-70, 73-76

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-2800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	41.0	39.2	39.4	39.9	40.4	40.5	40.8	40.9	40.9	40.9	41.0	41.0	41.2	41.2	41.2	41.5
≥ 20000	41.0	42.7	42.9	42.7	42.2	42.3	43.5	43.0	43.5	43.7	43.8	43.8	44.0	44.0	44.2	44.3
≥ 18000	41.0	43.0	43.5	43.7	44.2	44.3	44.5	44.5	44.5	44.6	44.7	44.7	44.9	44.9	44.9	45.3
IV 16000	42.3	43.3	43.9	44.1	44.5	44.6	44.9	44.8	44.8	44.8	44.9	45.1	45.1	45.3	45.3	45.6
≥ 14000	42.3	44.0	45.2	45.3	45.8	46.1	46.2	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.7	47.0
IV 12000	45.5	46.3	47.1	47.2	47.7	48.1	48.2	48.2	48.2	48.3	48.4	48.4	48.6	48.6	48.6	48.9
≥ 10000	51.5	52.7	52.2	52.7	52.9	53.1	53.1	53.1	53.2	53.3	53.3	53.5	53.5	53.5	53.5	53.9
IV 9000	52.4	53.4	54.7	54.1	54.6	54.8	55.1	55.1	55.1	55.2	55.3	55.3	55.5	55.5	55.5	55.8
≥ 8000	55.7	56.2	56.3	56.9	57.1	57.3	57.3	57.3	57.3	57.4	57.5	57.5	57.7	57.7	57.7	58.1
IV 7000	59.6	61.9	61.4	61.5	62.5	62.3	62.5	62.3	62.3	62.6	62.7	62.7	62.9	62.9	62.9	63.2
≥ 6000	65.4	67.3	67.8	68.7	68.5	68.7	68.9	68.9	68.9	69.0	69.1	69.1	69.4	69.4	69.4	69.7
IV 5000	71.2	74.1	74.2	74.7	75.3	75.5	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.6
≥ 4500	73.4	76.6	77.5	77.6	78.2	78.4	78.6	78.6	78.6	78.6	78.8	78.9	78.9	79.1	79.1	79.6
IV 4000	74.1	77.6	78.0	78.7	79.2	79.5	79.7	79.7	79.7	79.9	80.0	80.0	80.2	80.2	80.2	80.6
≥ 3500	76.3	81.3	81.7	81.7	82.4	82.6	82.8	82.8	82.8	82.8	83.1	83.1	83.3	83.3	83.3	83.8
IV 3000	78.6	82.7	84.1	84.3	85.2	85.4	85.6	85.6	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.6
≥ 2500	84.3	85.3	85.6	86.6	86.8	87.0	87.0	87.0	87.0	87.2	87.4	87.4	87.6	87.6	87.6	88.1
IV 2000	86.1	86.3	86.7	87.6	87.8	88.1	88.1	88.1	88.1	88.3	88.5	88.5	88.7	88.7	88.7	89.1
≥ 1800	86.1	86.5	86.8	87.7	88.0	88.2	88.2	88.2	88.2	88.4	88.6	88.6	88.8	88.8	88.8	89.2
IV 1500	87.4	87.7	87.7	88.5	88.7	89.1	89.1	89.1	89.1	89.4	89.6	89.6	89.8	89.8	89.8	90.2
≥ 1200	87.4	87.9	87.9	88.8	89.1	89.6	89.6	89.6	89.6	89.8	90.0	90.0	90.3	90.3	90.3	90.8
IV 1000	87.8	88.3	88.3	89.2	89.4	89.7	90.2	90.3	90.3	90.9	91.1	91.2	91.5	91.5	91.5	91.9
≥ 900	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
IV 800	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
≥ 700	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
IV 600	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
≥ 500	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
IV 400	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
≥ 300	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
IV 200	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
≥ 100	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2
IV 0	87.8	88.5	88.7	89.6	89.9	90.4	90.5	90.5	90.5	91.1	91.3	91.4	91.7	91.7	91.7	92.2

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY FRANCH
USAF ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

241 6 MOUNTAIN HOME AFB ID
STATION STATION NAME

67-72, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-1978
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥0
NO CEILING	37.0	37.1	37.3	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.0
≥ 20000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5
≥ 18000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 16000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 14000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 12000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 10000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 9000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 8000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 7000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 6000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 5000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 4500	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 4000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 3500	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 3000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 2500	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 2000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 1800	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 1500	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 1200	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 1000	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 900	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 800	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 700	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 600	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 500	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 400	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 300	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 200	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 100	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 0	41.4	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

241 6 CONTAIN FOML AFB ID

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1470
1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	43.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	45.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 9000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 7000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 6000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 5000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 4500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 4000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 3500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 3000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 2500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 2000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1800	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1200	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 900	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 800	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 700	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 600	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 400	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 300	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 200	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 100	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2446
STATION

DATA: HONE AFB 4D
STATION NAME

67-72, 73-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥20000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥18000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥16000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥14000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥12000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥10000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥9000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥8000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥7000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥6000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥5000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥4500	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥4000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥3500	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥3000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥2500	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥2000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥1800	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥1500	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥1200	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥1000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥900	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥800	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥700	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥600	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥500	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥400	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥300	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥200	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥100	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

240 5 MINNAPOLIS HOME AFB ID

67-70, 73-75

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS -151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.1	≥0
NO CEILING	47.4	44.7	45.5	45.2	44.0	44.0	47.1	48.1	42.1	46.1	48.1	48.1	42.2	48.3	48.4	48.8
IV 20000	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.2	51.3	51.7
IV 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.5	51.8
IV 16000	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.9	52.2
IV 14000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	53.0	53.1	53.4
IV 12000	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.6	55.9
IV 10000	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.7	59.8	60.1
IV 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5	61.6	61.9
IV 8000	63.4	63.4	63.4	63.4	63.4	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.3	64.4	64.7
IV 7000	67.2	67.2	67.2	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9	68.0	68.3
IV 6000	71.8	71.8	71.8	71.8	71.8	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.6	72.7	73.0
IV 5000	79.1	79.1	79.1	79.1	79.1	79.1	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.2	80.3	80.6
IV 4500	81.3	81.3	81.3	81.3	81.3	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.4	82.5	82.6	83.0
IV 4000	83.6	83.6	83.6	83.6	83.6	83.6	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.1	85.2	85.7
IV 3500	85.9	85.9	85.9	85.9	85.9	85.9	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.9	88.0	88.5
IV 3000	89.1	89.1	89.1	89.1	89.1	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.6	90.7	91.2
IV 2500	91.5	91.5	91.5	91.5	91.5	91.5	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.4	93.5	94.0
IV 2000	93.9	93.9	93.9	93.9	93.9	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.8	95.9	96.0	96.5
IV 1800	96.8	96.8	96.8	96.8	96.8	96.8	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.8	98.9	99.4
IV 1500	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE WAC

CEILING VERSUS VISIBILITY

241 C MOUNTAIN HOME AFB MO

67-77, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING	45.8	47.4	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.3
≥ 20000	43.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
IV 18000	9.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 16000	1.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 14000	1.8	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 12000	1.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 10000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 9000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 8000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 6000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4500	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 900	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 800	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 400	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 200	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 100	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

041 6 MOUNTAIN HOME AFB ID

67-70, 72-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	43.2	43.2	43.5	43.5	43.7	43.7	43.9	43.9	43.9	43.9	44.0	44.0	44.1	44.1	44.2	44.3
≥ 20000	43.7	43.7	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.3	44.3	44.4	44.5
≥ 18000	45.5	45.5	45.9	45.9	46.1	46.1	46.2	46.3	46.3	46.3	46.4	46.4	46.5	46.5	46.6	46.7
≥ 16000	45.9	46.1	46.5	46.5	46.7	46.7	46.8	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.2	47.3
≥ 14000	47.4	47.4	47.9	47.9	48.1	48.1	48.2	48.3	48.3	48.3	48.4	48.4	48.5	48.5	48.6	48.7
≥ 12000	47.7	47.9	48.3	48.3	48.5	48.5	48.6	48.7	48.7	48.7	48.8	48.8	48.9	48.9	49.0	49.1
≥ 10000	48.1	48.3	48.7	48.7	48.9	48.9	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.4	49.5
≥ 9000	48.2	48.4	48.8	48.8	49.0	49.0	49.1	49.2	49.2	49.2	49.3	49.3	49.4	49.4	49.5	49.6
≥ 8000	48.3	48.5	48.9	48.9	49.1	49.1	49.2	49.3	49.3	49.3	49.4	49.4	49.5	49.5	49.6	49.7
≥ 7000	48.4	48.6	49.0	49.0	49.2	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.7	49.8
≥ 6000	48.5	48.7	49.1	49.1	49.3	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.8	49.9
≥ 5000	48.6	48.8	49.2	49.2	49.4	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.8	49.8	49.9	50.0
≥ 4500	48.7	48.9	49.3	49.3	49.5	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.9	49.9	50.0	50.1
≥ 4000	48.8	49.0	49.4	49.4	49.6	49.6	49.7	49.8	49.8	49.8	49.9	49.9	50.0	50.0	50.1	50.2
≥ 3500	48.9	49.1	49.5	49.5	49.7	49.7	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.2	50.3
≥ 3000	49.0	49.2	49.6	49.6	49.8	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.2	50.2	50.3	50.4
≥ 2500	49.1	49.3	49.7	49.7	49.9	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.4	50.5
≥ 2000	49.2	49.4	49.8	49.8	50.0	50.0	50.1	50.2	50.2	50.2	50.3	50.3	50.4	50.4	50.5	50.6
≥ 1800	49.3	49.5	49.9	49.9	50.1	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.5	50.5	50.6	50.7
≥ 1500	49.4	49.6	50.0	50.0	50.2	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.7	50.8
≥ 1200	49.5	49.7	50.1	50.1	50.3	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.7	50.7	50.8	50.9
≥ 1000	49.6	49.8	50.2	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.7	50.7	50.8	50.8	50.9	51.0
≥ 900	49.7	49.9	50.3	50.3	50.5	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.9	50.9	51.0	51.1
≥ 800	49.8	50.0	50.4	50.4	50.6	50.6	50.7	50.8	50.8	50.8	50.9	50.9	51.0	51.0	51.1	51.2
≥ 700	49.9	50.1	50.5	50.5	50.7	50.7	50.8	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.2	51.3
≥ 600	50.0	50.2	50.6	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.3	51.4
≥ 500	50.1	50.3	50.7	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.3	51.4	51.5
≥ 400	50.2	50.4	50.8	50.8	51.0	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.5	51.6
≥ 300	50.3	50.5	50.9	50.9	51.1	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.6	51.7
≥ 200	50.4	50.6	51.0	51.0	51.2	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.6	51.7	51.8
≥ 100	50.5	50.7	51.1	51.1	51.3	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.8	51.9
≥ 0	50.6	50.8	51.2	51.2	51.4	51.4	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8	51.9	52.0

TOTAL NUMBER OF OBSERVATIONS 7433

5000 CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

241 8 MOUNTAIN HOME AFB ID

67-70, 73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 MONTH

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	2.3	63.2	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7
≥ 20000	6.3	67.7	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 18000	10.7	67.8	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 16000	17.2	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
≥ 14000	25.7	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 12000	31.3	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 10000	36.2	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 9000	37.2	78.2	78.4	78.4	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
≥ 8000	39.3	81.8	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	40.3	83.1	83.3	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8
≥ 6000	44.9	86.1	86.1	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9
≥ 5000	46.9	92.4	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4
≥ 4500	47.4	92.1	92.4	92.5	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2
≥ 4000	51.3	93.1	93.3	93.3	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 3500	52.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 3000	52.7	94.7	95.0	95.0	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0
≥ 2500	53.1	95.2	95.6	95.7	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.6
≥ 2000	53.4	95.3	96.0	96.2	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 1800	53.3	95.6	96.1	96.3	96.6	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3
≥ 1500	53.6	95.8	96.3	96.5	96.9	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6
≥ 1200	53.7	96.0	96.5	96.7	97.1	97.2	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9
≥ 1000	53.8	96.1	96.7	96.9	97.3	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2
≥ 900	53.8	96.1	96.8	97.0	97.4	97.5	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 800	53.8	96.2	96.9	97.0	97.5	97.6	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.5
≥ 700	53.9	96.2	96.9	97.1	97.5	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 600	53.9	96.3	96.9	97.2	97.7	97.7	98.1	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
≥ 500	53.9	96.3	97.1	97.2	97.8	97.9	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1
≥ 400	53.9	96.3	97.1	97.3	97.9	98.0	98.4	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.3
≥ 300	53.9	96.3	97.1	97.3	97.9	98.0	98.4	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4
≥ 200	53.9	96.4	97.1	97.3	97.9	98.0	98.4	98.6	98.7	98.8	98.9	99.1	99.2	99.2	99.4	99.5
≥ 100	53.9	96.4	97.1	97.3	97.9	98.0	98.5	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.6	100.0
≥ 0	53.9	96.4	97.1	97.3	97.9	98.0	98.5	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 87612

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	1-12	17.6			27.4						14.2	47.8	6.7	910
	13-25	19.6			15.6						15.7	50.2	6.9	911
	26-38	11.1			19.3						15.6	54.1	7.4	919
	39-51	5.8			13.8						24.5	55.8	9.2	926
	52-64	4.6			19.6						25.9	50.0	7.9	928
	65-77	6.1			21.4						19.1	53.3	7.7	930
	78-90	9.8			23.1						18.3	51.8	7.4	925
	91-103	15.6			20.2						14.5	49.6	6.9	915
TOTALS		11.2			18.8						18.5	51.6	7.4	7364

SKY COVER

68-70, 73-79

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	01-02	22.5			19.9						16.9	40.6	6.2	839
	03-05	23.0			18.6						14.2	44.1	6.3	843
	06-08	14.0			19.9						20.6	45.5	7.0	844
	09-11	9.6			13.8						23.6	53.0	7.8	846
	12-14	6.1			18.5						25.5	48.0	7.6	844
	15-17	7.7			16.7						26.5	49.2	7.8	846
	18-20	9.3			22.7						22.1	45.8	7.3	845
	21-23	19.5			22.1						18.3	40.1	6.3	841
TOTALS		14.2			19.0						21.0	45.8	7.0	6748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

24176
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-72, 73-79
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	33.4			21.0						15.6	30.0	5.0	928
	03-05	34.1			20.4						14.7	30.8	5.0	926
	06-08	18.4			24.4						23.3	33.9	6.2	930
	09-11	12.8			22.9						21.2	43.1	6.9	930
	12-14	9.5			22.9						26.3	41.3	7.2	929
	15-17	7.3			24.3						27.5	40.9	7.3	930
	18-20	9.7			28.0						24.8	37.6	6.8	929
	21-23	23.6			28.1						17.9	30.5	5.5	929
TOTALS		18.6			24.0						21.4	36.0	6.2	7431

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	01-02	35.6			22.3						16.1	26.1	4.7	897
	03-05	32.4			22.5						14.7	30.3	5.0	897
	06-08	16.6			25.3						23.9	34.2	6.3	898
	09-11	12.3			29.1						24.6	35.0	6.6	900
	12-14	9.8			25.2						29.5	36.5	7.1	897
	15-17	7.5			25.2						30.4	36.9	7.2	896
	18-20	10.4			29.7						24.6	35.3	6.6	897
	21-23	26.3			28.3						20.1	25.2	5.2	896
TOTALS		18.7			25.8						23.0	32.4	6.1	7178

SKY COVER

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	0-32	42.7			25.3						14.2	18.5	3.9	930
	3-35	32.7			31.7						15.4	20.2	4.4	930
	06-08	15.2			33.1						26.1	25.6	5.9	930
	09-11	12.7			36.2						25.2	25.9	5.9	930
	12-14	11.9			35.4						26.2	26.5	6.1	930
	15-17	12.6			23.5						31.9	27.0	6.4	930
	18-20	13.2			33.6						25.9	27.2	6.1	929
	21-23	26.2			35.9						18.0	19.9	4.7	930
TOTALS		20.8			32.5						22.9	23.9	5.4	7439

SKY COVER

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	1-22	37.2			30.4						14.1	14.3	3.7	899
	23-25	30.9			36.8						17.9	14.4	4.2	900
	26-28	23.0			35.8						22.4	18.6	5.0	900
	29-11	21.4			36.4						23.7	18.4	5.1	900
	12-14	14.9			40.1						26.2	18.8	5.4	900
	15-17	11.8			35.7						27.7	21.8	5.8	899
	18-20	12.8			35.0						28.7	22.6	5.9	900
	21-23	24.1			38.8						19.5	17.7	4.7	898
TOTALS		22.0			37.1						22.5	18.4	5.0	7196

SKY COVER

JUL
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	1-02	52.9			26.5						11.5	9.1	2.7	930
	03-05	57.7			25.9						14.7	9.4	3.0	930
	06-08	35.6			37.2						16.5	10.8	3.7	930
	09-11	35.8			40.5						15.1	8.6	3.4	930
	12-14	27.6			46.5						17.7	8.2	3.8	930
	15-17	24.2			43.9						23.2	8.7	4.3	930
	18-20	26.4			38.8						21.7	11.1	4.2	930
	21-23	40.2			33.7						16.3	9.8	3.5	930
TOTALS		36.8			36.6						17.1	9.5	3.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SKY COVER

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
PERIOD

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01-02	55.1			24.2						11.4	9.3	2.7	929
	03-05	53.2			23.8						13.5	7.5	2.9	930
	06-08	32.5			35.2						19.4	13.0	4.1	930
	09-11	31.3			35.6						20.3	12.8	4.2	930
	12-14	26.5			37.8						22.9	12.5	4.4	930
	15-17	23.4			36.9						27.0	12.7	4.8	928
	18-20	25.4			36.5						24.8	13.4	4.7	927
	21-23	40.8			34.0						14.9	10.4	3.4	927
TOTALS		36.1			33.0						19.3	11.7	3.9	7431

SKY COVER

SEP
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	01-02	59.7			21.5						10.4	9.0	2.5	896
	03-05	58.4			23.8						7.8	10.0	2.4	900
	06-08	41.1			31.1						18.3	9.4	3.5	900
	09-11	37.9			32.2						17.8	12.2	3.8	900
	12-14	31.4			36.4						19.6	12.6	4.1	900
	15-17	30.0			33.2						24.3	12.4	4.4	900
	18-20	33.7			32.5						22.4	11.4	4.1	898
	21-23	52.3			26.3						11.2	10.1	2.8	900
TOTALS		43.0			29.6						16.5	10.9	3.5	7194

SKY COVER

CCT
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	0-12	43.7			23.1						10.6	17.5	3.4	930
	13-25	50.1			27.2						10.9	18.8	3.5	929
	16-28	31.1			32.5						14.1	22.4	4.5	929
	19-11	22.5			32.8						20.5	23.8	5.2	927
	12-14	19.4			32.7						23.9	24.1	5.5	930
	15-17	19.8			34.2						18.8	27.2	5.4	930
	18-20	26.5			31.4						18.4	23.8	5.0	930
	21-23	42.5			23.4						12.4	21.7	4.0	930
TOTALS		32.6			26.8						16.2	22.4	4.6	7435

SKY COVER

NOV
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
Nov	01-02	25.4			21.6						14.5	36.3	5.8	895
	03-05	25.3			19.8						14.9	40.1	5.9	895
	06-08	14.4			22.6						20.6	42.4	6.8	894
	09-11	7.9			21.1						24.7	46.3	7.5	896
	12-14	9.3			22.0						24.9	44.8	7.4	900
	15-17	7.8			21.8						27.1	43.3	7.4	900
	18-20	11.3			26.4						21.7	40.6	6.8	900
	21-23	21.3			24.4						15.9	38.4	6.0	898
TOTALS		15.2			22.5						20.5	41.8	6.7	7178

SKY COVER

DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	1-12	22.2			17.2						16.5	44.1	6.4	920
	13-24	21.4			16.1						16.4	46.1	6.6	920
	1-10	14.5			19.0						17.0	49.6	7.1	918
	11-20	6.9			19.4						23.2	50.5	7.7	928
	21-31	6.1			21.0						24.6	48.3	7.7	930
	1-17	7.7			27.1						23.1	49.1	7.6	926
	18-20	13.2			21.8						19.3	45.7	7.3	923
	21-23	19.9			16.5						16.0	45.6	6.6	924
TOTALS		14.0			19.1						19.5	47.4	7.1	7389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SKY COVER

STATION 4416 MOUNTAIN HOME AFB ID PERIOD 67-70, 73-79 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	11.2			14.8						18.5	51.6	7.4	7364
FEB		14.2			19.7						21.0	45.2	7.0	6748
MAR		18.6			24.0						21.4	36.0	6.2	7431
APR		18.7			25.8						23.0	32.4	6.1	7178
MAY		21.3			32.5						22.9	23.9	5.4	7439
JUN		22.7			37.1						22.5	18.4	5.0	7196
JUL		36.8			36.6						17.1	9.5	3.6	7440
AUG		33.1			33.7						19.3	11.7	3.9	7431
SEP		43.7			29.6						16.5	10.9	3.5	7194
OCT		32.6			28.8						16.2	22.4	4.6	7435
NOV		15.2			22.5						20.5	41.8	6.7	7178
DEC		14.0			19.1						19.5	47.4	7.1	7389
TOTALS		23.6			27.2						19.9	29.3	5.5	87423

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

- Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

STATION

STATION NAME

YEARS

MAXIMUM

[illegible]

STATION

MOUNTAIN HOME AFB ID

STATION NAME

51-79

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °C	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.1	1.3	.7					.2
70						.8	7.1	3.5	.4				1.0
65					.2	4.2	25.1	16.2	1.4				4.0
60				.1	2.4	18.7	54.6	41.8	7.3	.3			10.6
55				.2	7.6	41.8	81.3	71.8	20.6	.9			18.9
50			.2	3.6	20.5	68.1	95.3	90.2	46.3	5.6	.2		28.1
45	.1	.4	1.6	12.1	50.1	88.7	99.3	97.7	71.8	20.4	2.9		37.3
40	3.0	3.2	7.8	31.7	77.4	97.6	99.9	99.4	88.8	43.0	16.4	2.0	47.2
35	11.3	14.2	26.5	58.7	93.1	99.8	100.0	100.0	96.8	71.1	27.3	8.9	59.1
30	17.2	21.7	35.9	70.2	95.3				98.2	78.3	38.6	15.7	64.4
25	27.3	39.7	54.0	85.5	98.1	100.0			99.3	99.6	53.5	29.1	73.1
20	46.0	65.9	79.8	97.4	99.9				99.9	97.6	74.0	52.2	84.4
15	64.5	84.2	94.2	99.2	100.0				100.0	99.5	89.9	72.2	92.0
10	78.7	92.9	98.0	100.0						100.0	96.8	85.9	96.0
5	89.1	96.3	99.5								98.8	94.1	98.2
0	93.7	98.9	99.8								99.8	96.2	99.0
-5	95.7	99.5	100.0								99.9	98.0	99.4
-10	98.0	99.6									100.0	99.1	99.7
-15	99.5	100.0										99.2	99.9
-20	99.8											99.5	99.9
-25	99.9											99.8	100.0
-30	100.0											100.0	100.0
MEAN	22.3	26.6	30.0	36.4	44.7	53.0	60.2	57.9	48.6	38.3	29.7	23.7	39.3
S.D.	10.871	8.008	6.978	6.629	7.116	6.906	6.285	6.634	7.388	7.152	8.095	9.310	14.992
TOTAL OBS.	868	791	868	840	858	840	868	868	840	868	840	868	10217

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION NAME

51-79

MEAN

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

51-79
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51									95	84	63	46	
52	41	52	61	83	87	96	99	99	95	85	62	56	99
53	64	67	72	81	95	92	104	103	95	88	69	49	104
54	57	65	66	78	97	101	104	102	96	83	68	59	104
55	44	48	60	76	87	100	104	103	104	87	65	63	104
56	53	62	76	84	95	98	106	106	97	85	65	57	106
57	48	61	64	79	85	98	102	103	95	79	59	56	103
58	50	68	62	74	97	99	101	104	95	88	66	52	104
59	58	61	67	82	91	102	107	99	98	81	65	58	107
60	49	54	78	84	93	98	109	103	94	85	67	55	109
61	52	63	69	75	93	105	102	106	90	82	60	54	106
62	54	52	68	88	79	103	101	100	96	83	67	58	103
63	54	64	71	81	88	90	98	102	99	91	61	44	102
64	50	44	70	74	92	95	100	100	88	87	63	63	100
65	53	60	71	77	85	95	100	102	87	90	73	54	102
66	53	51	78	81	96	97	101	101	97	78	69	49	101
67	56	68	75	63	90	95	107	101	98	78	65	50	107
68	50	64	70	81*	89	102	105	96	92	79	59	55	105
69	56	51	76	87	92	100	105	108	97	75	68	58	108
70	61	61	67	77	88	102	100	99	89	85	60	51	102
71	59	67	65	75	87	100	107	103	96	80	62	47	103
72	52	58	74	78	92	94	103	101	90	77	59	55	103
73	53	56	61	74	91	102	106	102	99	84	65	51	106
74	56	58	63	80	87	104	103	98	91	84	59	52	104
75	55	56	63	69	91	92	108	102	93	87	69	58	108
76	48	62	69	71	90	103	101	98	97	81	65	55	103
77	45	67	71	92	93	102	99	100	93	80	64	54	102
78	52	54	78	72	83	93	103	101	95	81	66	55	103
79	39	53	64	74	88	100	103	102					
MEAN	52.2	58.8	68.9	78.2	89.7	98.5	102.9	101.6	94.7	83.1	64.4	54.1	104.0
S.D.	5.640	6.566	5.573	6.112	4.348	4.051	2.936	2.602	3.752	4.049	3.685	4.626	2.522
TOTAL OBS.	868	791	868	840	858	840	868	868	840	868	840	868	10217

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24106 MOUNTAIN HOME AFB ID

51-79

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51									35	25	15	-3	
52	-8	5	17	28	35	42	46	46	39	31	8	11	-8
53	21	15	20	22	33	39	50	46	38	31	16	15	15
54	13	20	16	24	27	32	44	42	28	26	14	7	7
55	6	9	11	26	32	42	43	49	30	25	-5	11	-5
56	-10	-9	19	21	31	40	46	42	34	24	15	6	-10
57	-6	14	24	30	38	42	46	44	38	25	12	15	-6
58	12	24	18	29	38	48	53	52	30	23	8	18	8
59	-3	16	18	23	32	40	39	43	33	24	14	10	-3
60	-3	8	10	26	29	40	58	38	40	26	16	9	-3
61	10	18	21	24	31	47	52	51	30	23	9	-1	-1
62	-22	3	22	28	36	35	45	44	35	29	22	10	-22
63	-10	18	20	22	39	42	51	45	48	20	21	1	-10
64	0	6	19	20	24	43	47	38	37	25	10	-2	-2
65	12	14	11	32	28	43	47	38	24	30	20	8	8
66	13	10	12	22	29	36	46	45	41	23	15	0	0
67	17	17	18	25	27	39	54	50	36	24	13	-5	-5
68	8	14	21	17*	26	38	47	46	34	28	23	4	4
69	9	19	16	26	30	41	47	43	40	25	15	14	9
70	9	20	22	24	28	41	49	46	28	19	23	9	9
71	-1	11	11	22	33	42	47	47	31	15	15	7	-1
72	5	0	20	24	27	43	44	50	31	17	22	-22	-22
73	10	17	18	24	31	30	49	49	43	28	18	16	10
74	-12	15	11	28	28	41	46	48	36	25	23	7	-12
75	7	17	21	24	30	43	50	46	38	23	15	13	7
76	9	6	1	22	35	37	49	42	37	22	5	3	1
77	-8	11	17	26	35	45	46	40	36	29	12	15	-8
78	12	13	24	29	34	37	50	44	34	21	12	-5	-5
79	-10	-7	24	24	35	35	49	52					
MEAN	2.9	11.6	17.2	24.7	31.7	40.1	47.9	45.2	35.1	24.5	14.5	6.1	-1.9
S D	10.540	7.909	5.301	3.309	3.883	4.086	3.739	4.049	5.111	3.902	6.227	8.608	9.374
TOTAL OBS	868	791	868	840	858	840	868	868	840	868	840	868	10217

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS.)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MIL 44
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
M11 44

PSYCHROMETRIC SUMMARY

68-72, 73-79

YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
MAY 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID 68-70,73-79 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
56/ 55					.1	.1												2	2						
54/ 53			.1	.1	.3	.1	.1											7	7						
52/ 51			.2	.3	.2	.1												8	8						
50/ 49			.2	.3	1.2	.2	.2											20	20	1					
48/ 47		.8	.8	1.2	1.2	.5	.1											42	42	7					
46/ 45		.5	.5	1.5	.3	.3												30	31	16	4				
44/ 43		1.0	1.2	2.6	.3	.1	.1											49	49	26	11				
42/ 41	.1	1.3	1.4	1.4	.3	.3												45	45	37	14				
40/ 39	.1	.3	2.9	2.7	.8	.4												67	67	54	15				
38/ 37	.4	1.8	2.8	2.2	1.5	.2												83	83	54	28				
36/ 35	.2	1.8	2.3	2.9	1.7	.1												84	84	74	30				
34/ 33		1.2	1.8	2.3	1.3													61	61	66	48				
32/ 31	.5	2.3	3.3	1.4	.4													74	74	76	60				
30/ 29	.3	2.0	2.6	2.0	.2													67	67	83	63				
28/ 27	.3	1.6	4.1	1.1	.1													67	67	88	64				
26/ 25	.2	1.4	3.0	.5														48	48	69	50				
24/ 23	.3	1.4	.9	.5														29	29	78	59				
22/ 21		1.6	2.2	.3														38	38	47	67				
20/ 19	.1	1.6	1.3	.1														29	29	29	45				
18/ 17	.4	.3	1.0															16	16	37	52				
16/ 15		1.1	.9															18	18	18	70				
14/ 13	.1	1.3	.4															17	17	20	53				
12/ 11	.3	.6	.1															10	10	23	38				
10/ 9	.2	.9																10	10	11	40				
8/ 7	.1	.6																7	7	9	31				
6/ 5																				5	16				
4/ 3		.1																1	1	1	20				
2/ 1																					13				
0/ -1																					17				
-2/ -3																					12				
-4/ -5																					8				
-6/ -7																					1				
TOTAL	3.9	25.6	33.9	23.5	10.0	2.6	.5											929	930	929	929				
Element (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.	4051533		59687		64.2		15.282		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1093773		30561		32.9		9.815		930			43.1					93								
Wet Bulb	850960		26876		28.9		8.896		929			59.5					93								
Dew Point	536631		19899		21.4		10.907		929		3.8	78.0					93								

PSYCHROMETRIC SUMMARY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME:

68-70, 73-79

YEARS

JAN
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55					.2	.2												4	4					
54/ 53			.1		.4	.2												7	7					
52/ 51		.1	.5	.3	.3	.3												15	15					
50/ 49			.5	.1	.9	.1	.2											17	17					
48/ 47	.1	.2	1.0	.9	1.4	.4												37	37	10	3			
46/ 45		1.1	.3	1.0	1.7	.6												44	45	15	3			
44/ 43		.4	1.7	2.5	.6	.3	.2											54	54	25	14			
42/ 41	.1	1.0	2.0	3.3	1.5	.6	.1											81	81	34	16			
40/ 39		1.0	3.6	2.8	1.3	.5												85	85	53	15			
38/ 37	.1	1.3	1.5	2.7	1.8	.4												73	73	87	18			
36/ 35		1.2	1.0	3.1	1.8	.2												68	68	79	28			
34/ 33		1.3	2.9	2.3	1.4													73	73	63	48			
32/ 31	.3	1.8	2.6	1.4	.4													61	61	76	67			
30/ 29	.2	1.3	3.2	2.2	.2													66	66	90	84			
28/ 27		1.7	2.4	1.5														52	52	88	46			
26/ 25	.3	1.6	2.9	.4														49	49	64	60			
24/ 23		1.0	1.5	.8														30	30	68	56			
22/ 21		.8	2.0	.1														27	27	45	60			
20/ 19		.8	.8	.2														16	16	25	47			
18/ 17	.3	.5	1.3															20	20	29	58			
16/ 15		1.5	1.3															26	26	17	65			
14/ 13	.1	.8	.3															11	11	30	44			
12/ 11	.1	.6																7	7	14	32			
10/ 9	.2	.1	.1															4	4	9	47			
8/ 7		.2																2	2	2	32			
6/ 5																				2	19			
4/ 3																					20			
2/ 1																					13			
0/ -1																					14			
-2/ -3																					6			
-4/ -5																					4			
TOTAL	1.9	20.2	33.6	25.5	14.1	4.1	.5											929	930		929			
Element (X)	Σx^2																							

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

[illegible]

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24166 MOUNTAIN HOME AFB ID 68-70,73-79 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
58/ 57								.1										1	1						
54/ 53						.1												1	1						
52/ 51				.2														2	2						
50/ 49			.1	.1														2	2						
48/ 47			.1															1	1						
46/ 45		.4		.3	.2													9	9	5					
44/ 43		.8	.6	.8	.1													21	21	6	3				
42/ 41		1.6	1.0	.5														29	29	16	5				
40/ 39		1.8	2.3	.8														45	45	24	16				
38/ 37	.1	2.2	2.7	.3	.1	.2												52	52	36	13				
36/ 35	.3	3.3	4.3	.5	.5													84	84	53	24				
34/ 33	.2	3.9	4.0	1.2	.5													91	91	69	31				
32/ 31	.8	5.4	3.9	.6														98	98	102	59				
30/ 29		2.8	2.5	.1														50	50	80	77				
28/ 27	1.0	3.2	3.0	.4														71	71	87	78				
26/ 25	1.4	3.1	2.2	.1														63	63	68	86				
24/ 23	1.0	3.8	1.5															58	58	75	38				
22/ 21		3.3	1.6															46	46	55	54				
20/ 19	.6	4.1	1.0															53	53	59	43				
18/ 17	.5	1.8	.9															30	30	42	74				
16/ 15	.1	2.3	.5															27	27	29	60				
14/ 13	.1	1.8	.5															23	23	27	48				
12/ 11	.1	1.2	.1															13	13	25	37				
10/ 9		.8	.3															10	10	13	37				
8/ 7		.8																7	7	10	22				
6/ 5	.2	.9																10	10	13	29				
4/ 3	.3																	3	3	6	18				
2/ 1	.4	.8																11	11	6	19				
0/ -1	.5	.1																6	6	10	10				
-2/ -3	.3	.5																8	8	6	19				
-4/ -5	.1																	4	4	7	6				
-6/ -7	.1																	1	1	1	9				
-8/ -9																					2				
-10/-11																					4				
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 STATION MOUNTAIN HOME AFB ID 68-70, 73-79 YEARS JAN MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/ 59									.0	.0								1	1																
58/ 57								.0	.0									4	4																
56/ 55					.1	.1	.0											11	11																
54/ 53			.0	.0	.2	.1	.0											21	21																
52/ 51		.0	.1	.1	.1	.1	.0											28	28																
50/ 49			.2	.1	.3	.1	.1											54	54	5															
48/ 47	.0	.1	.3	.4	.4	.1	.0											101	101	18	3														
46/ 45		.4	.1	.7	.5	.1												137	139	55	7														
44/ 43		.8	.7	1.1	.2	.1	.0											218	218	94	34														
42/ 41	.0	1.2	1.2	.9	.3	.1	.0											275	275	159	74														
40/ 39	.1	1.4	2.1	1.1	.4	.1												384	384	239	92														
38/ 37	.3	2.0	2.5	1.0	.5	.1												480	480	364	136														
36/ 35	.2	2.9	2.9	1.2	.7	.1												583	583	449	184														
34/ 33	.1	3.3	2.5	1.4	.5													579	579	529	302														
32/ 31	.3	4.0	3.0	1.1	.2													644	644	618	452														
30/ 29	.3	2.7	2.6	.9	.1													494	496	624	526														
28/ 27	.7	2.8	3.0	.6	.0													531	531	669	568														
26/ 25	.7	3.3	2.3	.4														494	494	538	518														
24/ 23	.9	2.7	1.6	.2														395	395	615	376														
22/ 21	.1	3.1	2.2	.1														399	399	417	477														
20/ 19	.5	3.0	1.1	.0														341	341	430	373														
18/ 17	.9	2.0	1.1															294	294	389	512														
16/ 15	.2	2.0	.7															220	220	255	533														
14/ 13	.1	1.9	.4															177	177	235	351														
12/ 11	.1	1.5	.2															135	137	178	332														
10/ 9	.2	1.2	.2															114	114	157	360														
8/ 7	.1	.7	.0															55	55	88	278														
6/ 5	.1	.5	.0															46	46	67	185														
4/ 3	.1	.5																51	51	53	166														
2/ 1	.2	.5																53	53	54	141														
0/ -1	.3	.1																33	33	45	107														
-2/ -3	.3	.2																36	36	37	94														
-4/ -5	.1	.1																21	21	21	61														
-6/ -7	.1	.1																16	16	17	70														
Element (X)	Σ X ²					Σ X					X̄					s _x					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

2732 FORM 0-26-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JAN 68

PSYCHROMETRIC SUMMARY

YEARS

ALL

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
52/ 51					.2													2	2																
50/ 49				.1	.1													2	2																
48/ 47	.1			.4	.1													5	5	1	1														
46/ 45	.1	.1		.4	.4	.1												9	9	2	2														
44/ 43		.6	.4	.6	.1	.1												15	15	4															
42/ 41		.5	.8	1.7	.8													32	32	10	1														
40/ 39	.4	1.1	2.2	2.4	.2													53	53	19	8														
38/ 37		3.4	5.1	1.3	.1													84	84	26	10														
36/ 35	.1	5.6	5.1	2.1														109	109	77	16														
34/ 33		5.9	5.9	1.9														116	116	119	26														
32/ 31	.4	7.2	5.4	.7														116	116	117	71														
30/ 29	.2	4.0	4.4	.7														79	79	122	98														
28/ 27	.2	4.6	1.9															57	57	103	122														
26/ 25	.8	5.1	2.8															74	74	84	85														
24/ 23		2.2	.6															24	24	65	65														
22/ 21	.1	1.4	.2															15	15	28	100														
20/ 19	.4	1.4	.2															17	17	22	76														
18/ 17	.9	.1	.1															10	10	16	54														
16/ 15	.6	.6																10	10	11	45														
14/ 13	.4	.2																5	5	7	22														
12/ 11	.1	.2																3	3	2	18														
10/ 9		.1																1	1	2	9														
8/ 7		.5																4	4	3	7														
6/ 5																				2	1														
4/ 3	.1	.1																2	2	2															
2/ 1		.2																2	2		2														
0/ -1																					3														
-2/ -3																					1														
-4/ -5																					1														
-10/-11																					2														
TOTAL	5.0	45.3	35.2	12.2	2.1	.2												846	846	846															
Element (X)	Σx^2	Σx	\bar{x}	s_x																															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
50/ 49				.1																											1	1					
48/ 47	.2	.1		.1																											4	4	2	2			
46/ 45				.5	.1																										5	5	1	1			
44/ 43		.2	.4	.2	.5																										11	11	1				
42/ 41		.5	.5	.8	.4																										18	18	6				
40/ 39		1.7	2.4	1.8	.4																										52	52	14	5			
38/ 37		1.7	3.9	1.1																											56	56	23	10			
36/ 35	.5	3.8	5.8	2.0	.1																										103	103	58	16			
34/ 33	.5	6.0	4.6	1.4																											106	106	95	21			
32/ 31	.2	8.7	4.6	.6																											120	120	115	55			
30/ 29	.2	5.6	3.7	.4	.1																										84	84	135	62			
28/ 27	.1	6.3	3.3	.1																											83	83	97	146			
26/ 25	.7	5.3	2.2																												70	70	87	87			
24/ 23	.6	3.9	.9																												46	46	76	71			
22/ 21	.4	1.3	.6																												19	19	53	97			
20/ 19	.6	1.9	.4																												24	24	21	83			
18/ 17	.9	.4	.2																												13	13	26	60			
16/ 15	.6	.4	.1																												9	9	10	41			
14/ 13	.6	.2																													7	7	9	32			
12/ 11	.1	.2																													3	3	5	18			
10/ 9	.1	.6																													6	6	3	16			
8/ 7	.1	.1																													2	2	4	4			
6/ 5		.1																													1	1	1	7			
4/ 3		.2																													2	2	3	2			
2/ 1		.1																													1	1	1	2			
0/ -1																																		3			
-4/ -5																																		3			
-6/ -7																																		2			
TOTAL	6.5	49.3	33.6	9.1	1.5																											846	846	846	846		
Element (°)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total																
Rel. Hum.	4621080		63138		74.6		11.358		846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					84																
Dry Bulb	834369		25921		30.6		6.894		846		48.7										84																
Wet Bulb	702024		23788		28.1		6.263		846		64.1										84																
Dew Point	501170		19668		23.2		7.210		846		.8 78.5										84																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
46/ 47				.1														1	1																	
46/ 45			.1	.4	.2													6	6																	
44/ 43		.2	.1	.2	.2													7	7	3	2															
42/ 41		.9	.1	.7	.2													17	17	5	3															
40/ 39	.2	1.1	1.5	.9	.4													35	35	14	5															
38/ 37	.1	2.7	3.9	.8														64	64	19	8															
36/ 35	.4	2.4	4.5	1.1														70	70	52	13															
34/ 33	.7	6.1	4.8	1.3														110	110	76	19															
32/ 31	.2	7.0	4.3	.7														103	103	109	53															
30/ 29	.7	6.4	2.8	.6														89	89	113	66															
28/ 27	.7	8.0	3.3	.2														104	104	121	103															
26/ 25	.6	5.1	1.8															63	63	79	110															
24/ 23	.9	3.5	1.8															53	53	80	73															
22/ 21	.5	3.7	.7															41	41	61	80															
20/ 19	.7	1.5	.4															22	22	42	83															
18/ 17	.7	1.3	.4															20	20	20	60															
16/ 15	1.1	.5																13	13	19	53															
14/ 13	.7	.4																9	9	14	39															
12/ 11	.4	.4																6	6	5	34															
10/ 9		.5																4	4	3	16															
8/ 7	.1	.4																4	4	3	8															
6/ 5	.1	.1																2	2	4	3															
4/ 3																				1	4															
2/ 1																					4															
0/ -1																					1															
-2/ -3																					1															
-4/ -5	.2																	2	2	2	2															
-6/ -7	.1																	1	1	1																
-10/-11																					1															
-14/-15																					1															
-16/-17																					1															
TOTAL	9.252	130.5	7.1	1.1															846		846															
																		846		846																
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.																															

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb		Dew Point																
56/ 55											.1							1		1																		
54/ 53											.1							1		1																		
52/ 51											.1							1		1																		
50/ 49						.1	.1	.1										3		3																		
48/ 47			.1	.2	.6	.2												10		10																		
46/ 45		.4	.4	.8	1.3	.4												27		27																		
44/ 43		.7	.7	1.8	1.4	.2												41		41		6	1															
42/ 41		.9	2.0	3.3	1.2													63		63		17	6															
40/ 39	.1	.9	3.1	3.1	.9	.2												71		71		33	9															
38/ 37		2.4	4.8	2.2	.6	.4												88		88		68	9															
36/ 35	.2	3.4	4.8	3.1	.4													101		101		97	25															
34/ 33	.8	4.1	6.6	2.4	.2													120		120		114	35															
32/ 31	.4	4.6	4.1	1.5	.1													91		91		113	73															
30/ 29	.7	2.7	3.2	2.2														75		75		121	102															
28/ 27	.4	2.6	2.7	.1														49		49		90	97															
26/ 25	1.1	1.4	1.9															37		37		71	115															
24/ 23		1.2	.5															14		14		43	75															
22/ 21	.1	1.1	.2															12		12		21	72															
20/ 19	.5	.6	.1															10		10		14	60															
18/ 17	.7	.1	.1															8		8		11	40															
16/ 15	.4	.4																6		6		6	48															
14/ 13	.2	.7																8		8		7	32															
12/ 11		.2																2		2		4	22															
10/ 9		.4																3		3		3	8															
8/ 7		.1																1		1		3	5															
6/ 5		.1																1		1		1	2															
4/ 3																							2															
2/ 1																							2															
0/ -1		.1																1		1			2															
-2/ -3																						1	2															
-6/ -7	.1																	1		1		1																
-16/-17																							1															
-18/-19																								1														
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total															
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 44 0-26-5 (OL A) REVISED WITHOUT NOTICE OF THE FORM AIR OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID 68-70,73-79 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											.1							1	1		
62/ 61								.2										2	2		
60/ 59								.1	.4									4	4		
58/ 57								.2	.1									3	3		
56/ 55				.1			.5	.6										10	10		
54/ 53				.1	.2	1.1	1.7	.1										27	27		
52/ 51		.1	.2	.4	.4	1.5	1.1	.2										33	33		
50/ 49		.2	.7	.6	1.7	1.3	.9	.1										47	47	2	1
48/ 47	.1		.6	1.4	3.2	2.8	.1											70	70	9	2
46/ 45		.6	.7	2.7	2.7	2.0	.2											76	76	15	1
44/ 43		.4	1.2	2.6	3.1	1.9	.6											82	82	44	7
42/ 41	.2	.2	2.0	2.8	3.8	1.1	.1											87	87	81	13
40/ 39	.1	.6	2.6	4.3	2.8	.9												96	96	89	11
38/ 37	.1	1.4	3.0	3.4	2.0	.1												85	85	97	21
36/ 35	.5	2.0	1.7	2.7	1.5													71	71	121	31
34/ 33	.2	1.2	1.9	2.8	.2													54	54	123	51
32/ 31	.2	1.8	1.7	1.2														41	41	87	101
30/ 29		.5	.7	.4														13	13	71	96
28/ 27	.6	.6	.7															16	16	54	84
26/ 25	.2	.4	.1															6	6	23	88
24/ 23	.1	.1	.5															6	6	9	85
22/ 21	.1		.1	.1														3	3	4	77
20/ 19			.4															3	3	2	66
18/ 17		.4	.2															5	5	2	34
16/ 15		.1	.2															3	3	8	30
14/ 13		.2																2	2	3	18
12/ 11																				2	11
10/ 9																					6
8/ 7																					3
6/ 5																					3
4/ 3																					5
2/ 1																					1
TOTAL	2.6	10.8	19.2	25.7	21.6	12.8	5.2	1.7	.5		.1							846	846	846	846
Element (X)	Σx²		Σx		X		Σx		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	3048456		48910		57.8		10.165		846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84				
Dry Bulb	1461554		34574		40.9		7.584		846		9.7							84			
Wet Bulb	1060066		29528		34.9		5.903		846		26.3							84			
Dew Point	621447		22093		26.1		7.257		846		70.3							84			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

68-70,73-79
YEARS

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67												.2						2	2					
66/ 65												.1						1	1					
64/ 63									.1	.1								2	2					
62/ 61								.1	.2	.4								6	6					
60/ 59						.1		.4	.6	.1								10	10					
58/ 57				.1		.2	.1	.5	.4									11	11					
56/ 55		.2			.6	.4	1.7	1.5										37	37					
54/ 53			.2	.4	1.8	2.6	.9											50	50	2				
52/ 51			.1	.2	1.1	1.4	1.3	.9										43	43	1	2			
50/ 49		.4	.4	.7	1.8	1.4	.8											46	46	6				
48/ 47		.1	.6	1.8	2.7	1.7	1.5											71	71	13				
46/ 45		.4	.7	2.0	3.1	1.9	1.3											79	79	26	4			
44/ 43		.6	.4	2.2	4.5	2.7	.5											92	92	74	7			
42/ 41		.2	3.0	4.0	2.7	1.5												97	97	95	9			
40/ 39		.4	2.6	2.8	2.5	.9												78	78	80	16			
38/ 37		1.4	1.9	3.3	2.5	.2												79	79	108	17			
36/ 35	.4	.9	1.7	1.8	.1													41	41	130	43			
34/ 33		1.8	.6	1.9														36	36	105	56			
32/ 31		1.3	1.7	.5														29	29	86	97			
30/ 29		.1	.9	.2														11	11	56	97			
28/ 27	.4	.1																4	4	35	73			
26/ 25		.2	.1	.1														4	4	7	79			
24/ 23			.5	.1														5	5	4	92			
22/ 21			.2															2	2		79			
20/ 19		.1	.5															5	5	6	62			
18/ 17		.4																3	3	7	48			
16/ 15		.2																2	2	3	28			
14/ 13																				2	11			
12/ 11																					10			
10/ 9																					4			
8/ 7																					6			
6/ 5																					6			
TOTAL	.7	8.9	15.7	22.1	21.9	14.3	9.8	4.4	1.3	.6		.4						846	846	846	846			
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	2670823		45455		53.7		16.4		846		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	1638119		36611		43.3		7.9		846				6.5		.2								84	
Wet Bulb	1141891		30688		36.3		5.8		846				20.5										84	
Dew Point	630874		22286		26.3		7.1		846				68.7										84	

2736 FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
62/ 61											.1								1	1								
60/ 59									.1										1	1								
58/ 57							.2	.1	.4										6	6								
56/ 55			.1		.1	.2	.2	.5											18	10								
54/ 53				.1	.2	.2	.1	.4											9	9								
52/ 51					.6	.7	.6												16	16	1							
50/ 49			.1	.4	1.2	.9	.4												25	25								
48/ 47		.4	.4	.1	.4	1.7	.2												34	34	2							
46/ 45		.4	.4	3.0	.9	.7	.1												46	46	13							
44/ 43		.7	2.0	3.2	2.4	.7	.1												77	77	21							
42/ 41		.5	2.7	3.7	2.6	.6													85	85	53							
40/ 39		.7	5.1	4.0	2.4	.2													105	105	69							
38/ 37		1.8	5.0	3.5	1.4														99	99	87							
36/ 35	.2	3.1	3.2	4.7	.6														100	100	122							
34/ 33	.4	2.4	4.0	2.4	.1														78	78	135							
32/ 31	.4	2.5	3.5	1.2	.1														65	65	90							
30/ 29	.1	.8	2.1	.2															28	28	111							
28/ 27	.5	1.2	1.2																24	24	63							
26/ 25	.2	.5	.4	.1															10	10	35							
24/ 23		.5	.2																6	6	14							
22/ 21		.4	.4																6	6	7							
20/ 19	.4	.4	.4																9	9	7							
18/ 17																					5							
16/ 15																					3							
14/ 13																												
12/ 11		.5																	4	4	11							
10/ 9																					4							
8/ 7																					2							
6/ 5		.1																	1	1								
4/ 3																					1							
2/ 1		.1																	1	1	1							
-6/ -7																					1							
-8/ -9																					1							
Element (X)	Σ X'				Σ X				Σ				σ _x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry B	b	Wet Bulb	Dew Point													
56/ 55							.2	.1										3	3																
54/ 53							.1											1	1																
52/ 51					.1	.2												3	3																
50/ 49					.5		.1											5	5																
48/ 47		.1		.4	.5													6	6																
46/ 45		.6	.1	.6	.5													15	15		3														
44/ 43		.6	1.1	1.8	.2	.2												33	33		8	3													
42/ 41		1.2	2.6	1.8	.9	.2												52	52		18	5													
40/ 39		1.4	4.1	3.7	.4													81	81		39	5													
38/ 37		2.4	5.4	2.5	.7													93	93		50	12													
36/ 35		4.1	5.6	3.0	.2													109	109		89	21													
34/ 33		6.3	6.7	2.1														128	128		125	38													
32/ 31	.6	4.0	5.3	2.1														102	102		131	91													
30/ 29	2.1	5.1	.5															65	65		110	103													
28/ 27	.8	3.7	2.7	.1														62	62		108	114													
26/ 25	.4	2.2	.7															28	28		69	77													
24/ 23	.2	.9	.5															14	14		36	87													
22/ 21	.4	.7																9	9		22	91													
20/ 19	.4	.8	.4															13	13		10	76													
18/ 17	.9	.8																15	15		13	58													
16/ 15		.1																1	1		8	29													
14/ 13																					1	7													
12/ 11																						12													
10/ 9		.1																1	1		1	6													
8/ 7		.2																2	2		2	4													
4/ 3		.2																2	2		1	2													
2/ 1		.1																1	1		1	2													
0/ -1																					1														
-6/ -7																						1													
-10/-11																						1													
-14/-15																						1													
TOTAL	3.7	32.9	40.2	18.4	3.5	.7	.5	.1											846		846	846													
Element (X)																																			

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR
MONIN

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
2014

PAGE 2 0900-1100
MORRIS (L. S. T.)

[illegible]

J5AFETAC **FORM** **0-26.5 (OLA)** **REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**

PSYCHROMETRIC SUMMARY

MAR

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) (REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

24196 MOUNTAIN HOME AFB ID

68-70,73-79

YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
78/ 77													.3						3	3					
76/ 75												.2							2	2					
74/ 73												.4							4	4					
72/ 71										.1	.5	.3	.2						11	11					
70/ 69									.2	.2	.8	.3	.1						15	15					
68/ 67								.1	.4	.1	1.2	.3							20	20					
66/ 65									.2	.9	.3	.2							15	15					
64/ 63								.1	.1	.5	1.2	.3							21	21					
62/ 61					.1	.4	.2	1.1	1.6	1.2									43	43					
60/ 59					.2	.1	.5	.6	.6	.8									27	27					
58/ 57					.3	.8	.5	2.2	1.3	.2									49	49					
56/ 55				.1	.6	1.5	1.2	3.1	1.2	.3									75	75					
54/ 53				.1	.8	1.3	2.2	3.7	.8										81	81	11				
52/ 51		.1	.2	.3	.9	1.7	3.4	3.2	.8										99	99	28				
50/ 49			.5	1.5	1.8	3.8	2.0	.1											91	91	28				
48/ 47		.1	.2	.5	1.4	2.5	3.8	.9											87	87	61				
46/ 45		.2	.3	.5	2.2	3.2	2.3	.1											82	82	81				
44/ 43		.2	.1	.9	1.5	2.5	.6												54	54	87				
42/ 41		.2	.6	.5	1.5	1.1	.3												40	40	104				
40/ 39		.1	.8	1.6	1.1	.3	.5												41	41	130				
38/ 37		.1	.5	1.0	.8	.4	.2												28	28	114				
36/ 35			.3	.2	.1	.1	.1												8	8	123				
34/ 33		.3	.3	.3															9	9	75				
32/ 31		.3	.3	.5															11	11	33				
30/ 29		.1	.3																4	4	22				
28/ 27			.4																4	4	18				
26/ 25		.4																	4	4	5				
24/ 23		.1																	1	1	8				
22/ 21		.1																	1	1	1				
20/ 19																					1				
18/ 17																									
16/ 15																									
14/ 13																									
12/ 11																									
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
HII 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

HOURS (L, S, T.)

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73											.2	.2	.1					5	5					
73/ 69										.1	.4		.1					6	6					
68/ 67											.3	.3	.1					7	7					
66/ 65											.1	.5	.3	.2				11	11					
64/ 63											.2	.3	.8	.2				14	14					
62/ 61								.1	.2	.6	.4	.2						15	15					
60/ 59							.1	.3	.6	1.3	.3							25	25					
58/ 57					.3	.1	.3	1.2	.6	.3								27	27					
56/ 55				.2	.3	.3	.6	1.2	.3									28	28	1				
54/ 53				.6	.3	.5	1.5	1.2	.3									42	42	1				
52/ 51				.9	1.0	1.4	2.5	1.9										71	71	8				
50/ 49		.1	.4	.5	1.6	3.1	2.7	1.1										89	89	23				
48/ 47		.2	.5	1.1	1.4	2.5	2.8	.6										85	85	32				
46/ 45			.5	1.6	3.5	1.9	2.3	.2										94	94	45				
44/ 43		.5	.8	1.5	1.8	4.0	1.2											92	92	66				
42/ 41	.1	.5	2.0	1.5	2.5	2.3	.3											86	86	98				
40/ 39		.5	1.4	2.3	2.5	1.4	.1											76	76	123				
38/ 37	.1	1.1	.9	1.8	1.3	.5	.1											54	54	121				
36/ 35	.1	.3	.5	1.8	1.2	.3												40	40	123				
34/ 33		1.0	.4	.8	.4	.1												25	25	108				
32/ 31		.2	.5	.2	.3													12	12	77				
30/ 29		.2	.2	.3														7	7	45				
28/ 27			.5															5	5	24				
26/ 25		.2	.2															4	4	16				
24/ 23		.3																3	3	8				
22/ 21		.2	.1															3	3	4				
20/ 19																				3				
18/ 17		.2																2	2	1				
16/ 15	.1	.1																2	2	2				
14/ 13																				1				
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
Element (X)	Σx^2																							

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

68-70, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65										.2							2	2		
62/ 61								.1	.1								2	2		
60/ 59								.2	.1								3	3		
56/ 57							.2	.1									3	3		
56/ 55						.4	.3	.3	.1								11	11		
54/ 53				.1	.2	.6	.6	.2									17	17		
52/ 51			.1	.4	.4	.8	.6	.2									24	24		
50/ 49			.5	.9	1.4	.6	.9	.3									43	43	1	
48/ 47		.1	.5	.8	1.9	1.3	.5										48	48	7	
46/ 45		.4	1.0	.8	2.8	.3	.3										52	52	22	1
44/ 43		.1	2.0	2.5	2.9	1.3	.2										84	84	42	6
42/ 41		.8	1.9	2.8	2.0	1.1											80	80	48	11
40/ 39	.2	1.2	3.5	3.4	2.9	.4											109	109	71	13
38/ 37		1.5	3.2	5.2	2.0	.4											115	115	109	28
36/ 35	.1	1.9	2.8	3.9	1.8												98	98	107	41
34/ 33	.2	1.9	2.7	3.3	1.0												85	85	129	49
32/ 31	.1	.4	4.7	1.6	.5												69	69	122	81
30/ 29		.4	1.9	1.4	.3												38	38	83	84
28/ 27		.8	1.3														18	18	99	91
26/ 25		.2	.3														5	5	34	93
24/ 23		.2	.2														4	4	28	69
22/ 21		.3															3	3	8	91
20/ 19		.4															4	4	3	84
18/ 17		.6															6	6	8	73
16/ 15		.2															2	2	4	43
14/ 13		.1															1	1		24
12/ 11																			1	20
10/ 9		.2															2	2	2	19
8/ 7	.2																2	2	2	2
6/ 5																				3
4/ 3																				4
TOTAL	.9	11.8	26.9	27.0	20.3	7.3	3.8	1.5	.3	.2								930	930	930
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total
Rel. Hum.	3444840		54772		58.9		15.356		930		≤ 0 F		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb	1477051		36381		39.1		7.613		930				15.4							93
Wet Bulb	1083838		31234		33.6		6.124		930				39.4							93
Dew Point	635804		23292		25.0		7.514		930				78.1							93

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
72/ 71												.1						1	1													
66/ 65										.1								1	1													
64/ 63										.1	.1	.1						3	3													
62/ 61								.4	.7	.3								13	13													
60/ 59						.1	.3	.1		.1								6	6													
58/ 57				.1	.1	.4	.1	.6	.2	.8								21	21													
56/ 55				.1	.1	1.0	.6	.2	.2									20	20													
54/ 53			.1	.2	.3	.8	.3	.6	.1									22	22													
52/ 51		.2	.8	.6	.9	.4	.6											31	31	2												
50/ 49		.4	.3	1.7	.9	1.0	.3											42	42	6												
48/ 47			1.7	.7	1.7	1.4	.8											56	56	18												
46/ 45		.3	1.2	1.4	4.3	1.7	.1											82	82	38	5											
44/ 43		.7	1.8	3.8	4.1	1.0	.4											106	106	50	3											
42/ 41	.1	.9	1.6	5.2	2.2	.4	.2											96	96	57	21											
40/ 39		1.3	2.9	4.1	1.0	.4	.1											89	89	105	25											
38/ 37		1.0	3.9	3.3	2.1	.3												96	96	120	34											
36/ 35		2.0	1.9	2.9	1.4	.2												76	76	146	40											
34/ 33	.1	.9	3.1	1.2	.2	.3												53	53	98	44											
32/ 31		.6	2.0	1.6	.2	.1												40	40	89	95											
30/ 29		.9	1.2	.7	.3													28	28	65	101											
28/ 27		.1	.9	.3	.1													13	13	49	87											
26/ 25				.1														1	1	30	106											
24/ 23		.1																1	1	18	91											
22/ 21																				6	65											
20/ 19																					52											
18/ 17																					32											
16/ 15																					31											
14/ 13																					21											
12/ 11																					22											
10/ 9																					6											
8/ 7																					6											
6/ 5																					2											
4/ 3																					3											
2/ 1																					4											
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

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USAFETAC

PSYCHROMETRIC SUMMARY

24106

MOUNTAIN HOME AFB ID

68-70, 73-79

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

NOV 11 1951

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

APR

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
93/ 89																	.1	1	1						
88/ 87																	.3	3	3						
86/ 85																	.1	2	2						
84/ 83													.1				.6	6	6						
82/ 81												.1		.1	.1	.1		4	4						
80/ 79											.1				.4			5	5						
78/ 77												.1	.3	.3	.2			9	9						
76/ 75												.2	.9	.1				11	11						
74/ 73											.1	.6	.2	.2				10	10						
72/ 71									.1	.4	.9	1.3	.3					28	28						
70/ 69									.2	.7	1.2	.3	.1					23	23						
68/ 67						.1	.2	.2	1.3	1.1	.2							29	29						
66/ 65						.1	.3	.9	2.2	.8	.4							43	43						
64/ 63						.3	1.4	1.3	1.6	.8								49	49						
62/ 61					.1	.1	.3	1.6	1.7	.4	.4							42	42						
60/ 59					.8	1.3	2.1	2.0	.8	.6								68	68		3				
58/ 57					.2	1.6	2.6	1.6	.3									58	59		2				
56/ 55		.1		.2	1.1	1.8	3.3	2.8	.4									88	88		10				
54/ 53			.4	.3	1.2	3.3	2.6	1.7										86	86		26				
52/ 51		.2	1.2	.7	1.2	2.8	1.8	.2										73	73		55				
50/ 49		.1		1.3	2.3	2.6	.9	.1										66	66		72				
48/ 47		.3	.4	1.4	1.8	1.9	.2	.1										56	56		89				
46/ 45		.6	.9	1.6	1.4	1.1	.3											53	53		105				
44/ 43	.1	.3	.8	.8	1.1	.9												36	36		96				
42/ 41	.2	.4	.4	.2	.9	.4												24	24		124				
40/ 39	.6	.6	.3	.2	.1													16	16		122				
38/ 37	.4		.2															6	6		92				
36/ 35	.1	.1																2	2		55				
34/ 33																					30				
32/ 31																					14				
30/ 29																					2				
28/ 27																									
26/ 25																									
24/ 23																									
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (P. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY |

YEARS

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91																		.0	1	1															
90/ 89																		.1	5	5															
88/ 87																		.0	10	10															
86/ 85														.0	.0			.0	10	10															
84/ 83													.0		.0			.1	12	12															
82/ 81												.0		.0	.1			.1	19	19															
80/ 79											.0		.0	.0	.2				16	16															
78/ 77										.0		.0	.2	.3	.1				43	43															
76/ 75										.0	.1	.3	.3	.2					41	41															
74/ 73										.1	.3	.2	.1						42	42															
72/ 71								.0	.0	.1	.3	.5	.2	.0					80	80															
70/ 69								.1	.3	.4	.3	.1							84	84															
68/ 67							.0	.1	.2	.6	.6	.3	.0						128	128															
66/ 65							.0	.1	.5	.8	.5	.3							160	160															
64/ 63							.1	.3	.8	.8	.3	.1							171	171															
62/ 61					.0	.1	.3	.8	1.0	.5	.2	.0							209	209															
60/ 59			.0	.0	.0	.2	.6	1.1	1.0	.5	.2								264	264	5														
58/ 57			.0	.0	.1	.4	.8	1.4	1.1	.4	.1								305	305	13														
56/ 55		.0	.0	.0	.2	.7	1.1	1.7	1.0	.3	.0								367	367	31														
54/ 53		.0	.3	.7	1.1	1.6	1.3	.7	.0										404	404	87														
52/ 51		.0	.2	.7	.8	1.4	1.7	1.0	.1	.0									430	430	186	3													
50/ 49		.0	.6	.5	1.4	1.8	1.6	.6	.1										472	472	259	1													
48/ 47		.1	.8	.9	1.8	2.1	1.1	.4	.0										512	512	424	12													
46/ 45		.3	.8	1.3	2.6	1.6	.7	.3											541	541	544	21													
44/ 43		.6	.9	2.2	2.2	1.2	.5	.0											547	547	609	55													
42/ 41	.0	.5	1.5	2.8	1.6	.7	.3												530	530	773	127													
40/ 39	.0	.6	1.6	2.3	1.1	.4	.0												436	436	854	178													
38/ 37		.7	1.8	1.7	.8	.2	.0												365	365	837	242													
36/ 35	.1	.9	1.4	1.4	.4	.1													314	314	771	393													
34/ 33	.2	.7	1.6	.9	.2	.1													264	264	662	442													
32/ 31	.0	.4	1.4	.7	.2	.0		</																											

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

All

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71											.2							2	2																
70/ 69								.1	.1	.4	.1							7	7																
68/ 67							.1	.2	.4	.1			.1					9	9																
66/ 65						.3	.3	.6	1.2	.1	.1							25	25																
64/ 63						.3	.5	.6	.1									15	15																
62/ 61				.1	.2	.6	1.2	.5	.3	.2	.1							31	31																
60/ 59				.1	.3	1.5	1.3	1.2	.5									46	46																
58/ 57		.2	.4	.1	1.1	2.6	1.9	1.1	.5	.1								75	75																
56/ 55		.1	1.2	.3	1.5	2.3	2.2	.9	.2	.1								81	81	10															
54/ 53		.1	.3	.5	1.7	3.5	1.9	.5	.2									83	83	28	3														
52/ 51		.1	.3	1.7	1.4	1.6	2.5	.1										72	72	53	5														
50/ 49		1.5	1.7	1.6	1.4	3.1	.8	.4	.1									99	99	48	10														
48/ 47		.6	1.4	2.6	1.8	2.3	.6											87	87	94	21														
46/ 45		.8	1.4	1.4	3.0	1.6	1.1	.1										87	87	118	25														
44/ 43		.4	.9	2.9	2.4	.4	.2											67	67	102	36														
42/ 41		.6	.8	2.4	1.9	.3												56	56	110	55														
40/ 39		.3	1.0	1.7	.9	.2												38	38	101	70														
38/ 37		.3	.8	.9	.3													21	21	88	80														
36/ 35		.2	.1	.5	.5													13	13	84	88														
34/ 33		.2		.4	.1													7	7	44	61														
32/ 31		.3		.1														4	4	22	94														
30/ 29			.1	.2														3	3	15	71														
28/ 27			.1	.1														2	2	7	83														
26/ 25																				2	72														
24/ 23																				3	50														
22/ 21																					37														
20/ 19																					19														
18/ 17																					12														
16/ 15																					16														
14/ 13																					6														
12/ 11																					8														
10/ 9																					8														
TOTAL		5.9	10.4	17.7	18.6	20.8	14.7																												

PSYCHROMETRIC SUMMARY

YEARS

NAV

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
75/ 69										.1								1	1																
68/ 67								.1	.2		.2							5	5																
66/ 65						.1		.2		.1								4	4																
64/ 63						.2	.1		.2									5	5																
62/ 61					.1	.5	.5	.3	.2	.3								19	19																
60/ 59				.1	.3	.4	.2	1.0		.1								20	20																
58/ 57				.1	.8	1.6	1.5	.5	.1	.1								44	44																
56/ 55		.3	.1	.4	.9	1.9	.6	.6	.2									48	48	5															
54/ 53		.5	.2	.5	2.5	2.7	.9	.5										73	73	12	3														
52/ 51		.3	1.2	1.7	2.9	1.2	1.2	.1										80	80	23	3														
50/ 49	.1	.9	1.5	2.3	3.0	2.4	.4	.2	.1									101	101	26	5														
48/ 47		.1	1.8	2.6	2.3	2.3	.3											87	87	68	16														
46/ 45		1.4	2.0	2.3	2.2	.9	.3	.1										85	85	102	20														
44/ 43		1.8	1.7	3.7	1.6	1.0	.2											93	93	113	23														
42/ 41		.9	2.0	4.1	2.2	.5												90	90	127	52														
40/ 39	.1	1.1	2.8	2.9	.3	.6												73	73	98	64														
38/ 37		.2	2.0	1.8	.9	.2												48	48	104	85														
36/ 35		.4	.6	1.0	.1													20	20	99	85														
34/ 33		.2	.4	.5														11	11	70	96														
32/ 31		.2	.5	.5														12	12	34	90														
30/ 29	.1		.2	.3														6	6	25	77														
28/ 27		.2																2	2	13	90														
26/ 25		.1	.1															2	2	7	70														
24/ 23		.1																1	1	3	45														
22/ 21																					32														
20/ 19																					21														
18/ 17																					12														
16/ 15																					15														
14/ 13																					11														
12/ 11																					10														
10/ 9																					3														
8/ 7																					2														
TOTAL		.3	8.8	17.4	24.8	19.9	16.6	6.5	3.9																										

FORM 0-26' (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

9600-0800
HOURS (L.S.T.)

[illegible]

USAFETAL FORM 0.26-5 (O₂-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

24106
STATIO

MOUNTAIN HOME AFB ID
STATION NAME

68-70, 73-79

YEARS

MAY
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
94/ 93																	.2	2	2													
92/ 91																.1	.9	9	9													
90/ 89															.1	.9	.8	16	16													
88/ 87														.3	.6	1.0	.3	21	21													
86/ 85													.2	.2	1.5	.8	.6	31	31													
84/ 83											.1	.1	1.0	.5	1.1	.5	.1	32	32													
82/ 81												.6	.4	1.6	1.3	.8		44	44													
80/ 79										.1	.2	1.0	1.5	1.0	1.1	.1		46	46													
78/ 77										.2	.8	2.5	.9	1.5	.1			55	55													
76/ 75									.1	.4	1.5	1.9	1.9	1.9				73	73													
74/ 73							.1	.1	.5	.6	1.0	2.0	1.7	.6				63	63													
72/ 71								.1	.4	1.0	1.3	.5	1.4					44	44													
70/ 69						.1			1.4	1.8	1.3	.6	.6					55	55													
68/ 67					.1			.5	.6	2.8	1.2	1.1	.8					66	66													
66/ 65						.1	1.1	.6	1.6	4.0	.8	.2						78	78													
64/ 63						.6	.5	.6	1.9	1.8	.4	.3						59	59		3											
62/ 61						.2	.9	.3	1.6	1.3	.2							42	42		14											
60/ 59					.1	.5	.8	.5	.6	.4								28	28		52											
58/ 57				.1	.3	.3	1.0	1.5	.4									34	34		82											
56/ 55			.1	.1	.3	.5	1.5	1.6	.4									43	43		92											
54/ 53		.1	.3	.2	.1	.4	.8	.8	.5									30	30		120											
52/ 51			.3	.5	.3	.5	.5	.5	.1									22	22		122											
50/ 49				.6	.5	.3	.5											19	19		116											
48/ 47			.2	.2	.2													6	6		108											
46/ 45				.1	.2	.1												4	4		69											
44/ 43			.2	.2														4	4		75											
42/ 41			.2		.1													3	3		31											
40/ 39			.1															1	1		28											
38/ 37																					10											
36/ 35																					7											
34/ 33																					1											
32/ 31																																
30/ 29																																
28/ 27																																
Element (X)	Σx²			Σx			X̄			s²			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONIE

PAGE 2

ALL

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

68-70,73-79

JUN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

JUN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
87																						
TOTAL	.6	8.7	14.4	15.9	13.4	15.6	15.0	8.6	4.4	1.9	.9	.6	.1						900		900	
																			900		900	

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24176 MOUNTAIN HOME AFB ID

68-70,73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83													.1					1	1						
82/ 81											.1		.1	.2				4	4						
80/ 79												.3	.1					4	4						
78/ 77									.2	.3	.1	.2						8	8						
76/ 75								.1	.1	.3	.2	.4	.1					12	12						
74/ 73							.1	.6	.6	.7	.4	.2						23	23						
72/ 71						.2	.6	.4	.8	1.0	.7	.1	.1					35	35						
70/ 69				.1	.2		.7	1.2	1.1	.6	.4	.1						40	40						
68/ 67			.1	.2	.2	1.3	1.0	2.0	.9	.7	.1	.1						60	60						
66/ 65		.1	.1		.4	1.3	1.6	1.4	1.2	.2	.1							59	59						
64/ 63			.3	.4	.6	1.8	1.9	1.3	1.1	.3								70	70		5				
62/ 61		.4	.3	1.0	1.6	1.4	1.3	1.6	.4	.1								74	74	15	3				
60/ 59		.6	.6	1.3	1.6	.8	1.8	1.2	.8	.2								79	79	30	6				
58/ 57		.4	1.3	1.0	1.3	1.3	1.3	.3										64	64	57	10				
56/ 55		.3	.9	1.9	1.1	1.2	1.7	.3	.2									69	69	83	11				
54/ 53	.1	1.0	1.4	2.1	1.0	2.3	.9	.4										84	84	112	19				
52/ 51	.3	.6	1.8	1.6	1.1	1.1	.4	.3										65	65	119	45				
50/ 49		.9	1.0	.8	1.3	.9	.6											49	49	87	57				
48/ 47		.3	1.0	1.0	.8	.8												35	35	110	66				
46/ 45		.6	.6	1.1	.4	.3												27	27	80	80				
44/ 43		.3	.6	.7	.3	.3												20	20	72	83				
42/ 41		.1	.1	.4	.4													10	10	49	71				
40/ 39	.1	.2	.1	.3														7	7	40	74				
38/ 37																				22	73				
36/ 35				.1														1	1	12	64				
34/ 33																				6	61				
32/ 31																					64				
30/ 29																				1	35				
28/ 27																					25				
26/ 25																					14				
24/ 23																					15				
22/ 21																					14				
20/ 19																					6				
18/ 17																					2				
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

68-70, 73-79

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

STATION

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

YEARS

MONTH

1200-1400

1200 140
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
104/ 103																											1.1	10	10							
102/ 101																											1.8	16	16							
100/ 99																											.1	2.0	19	19						
98/ 97																											.1	3.3	31	31						
96/ 95																											.1	2.9	27	27						
94/ 93																											.4	2.7	28	28						
92/ 91																									.1	.2	1.4	2.4	38	38						
90/ 89																		.1	.1	.2	1.6	3.1	2.4					68	68							
88/ 87															.1	.1		1.0	1.4	2.3	1.4								58	58						
86/ 85																.2	.8	2.7	1.2	1.7	.3								62	62						
84/ 83															.1	.6	.4	1.9	1.7	.6	.3									50	50					
82/ 81													.1	.1	.7	.8	1.7	2.1	.7											55	55					
80/ 79												.3	.4	.3	2.0	.8	1.7	.3												53	53					
78/ 77											.3	.3	1.9	.8	.8	.6	.3													45	45					
76/ 75							.1	.1		.4	1.6	.9	.8	.3	.1															39	39					
74/ 73						.1	.1	.4	1.4	.3	1.6	.7	.3	.2																47	47					
72/ 71							.2		1.2	.7	1.3	.8	.1	.1																40	40					
70/ 69						.3	.4	.2	1.0	1.0	.9	.7	.4																	45	45	1				
68/ 67					.1	.6	.4	.9	.4	1.0	.6	.2																		38	38	10				
66/ 65		.1		.1	.2	.2	1.0	.8	.6	.4	.2	.3																		36	36	41				
64/ 63		.2			.2	.2	.8	.6	.4	.2	.6																			29	29	58				
62/ 61		.1		.3	.1	.4	.3		1.2																					23	23	113				
60/ 59			.2	.6	.1	.1			.1																					10	10	138				
58/ 57			.1	.1	.1		.2	.1	.2																					8	8	133				
56/ 55			.4	.1		.1		.2																						8	8	125				
54/ 53			.3	.1	.3																									7	7	90				
52/ 51		.1	.1	.3	.2																									7	7	78				
50/ 49			.1		.2																									3	3	44				
48/ 47																																26				
46/ 45																															30	42				
44/ 43																															8	68				
42/ 41																														5	98					
40/ 39																																86				
38/ 37																																80				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																									
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

24136	MOUNTAIN HOME AFB ID
STATION	STATION NAME

68-70, 73-79

JUNE

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 2 1800-2000
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
104/103																	.2	14	14																
102/101																	.4	26	26																
100/99																	.6	44	44																
98/97																	.8	56	56																
96/95																	1	67	67																
94/93															.1	.3	.8	84	84																
92/91														.1	.1	.9	.9	114	114																
90/89												.0	.1	.1	.6	.9	.7	168	168																
88/87											.0	.1	.1	.5	.6	.7	.5	174	174																
86/85											.0	.2	.4	1.0	.7	.6	.2	226	226																
84/83											.1	.3	.7	.8	.7	.3	.1	220	220																
82/81									.0	.1	.3	.7	.7	1.1	.3	.1		231	231																
80/79									.1	.2	.5	1.2	.7	.6	.2	.0		256	256																
78/77							.0	.2	.6	1.0	.9	.6	.4	.1				279	279																
76/75						.1	.2	.4	.8	1.1	.9	.5	.3	.0				306	306																
74/73					.0	.2	.1	.4	.8	.9	.8	.7	.4	.1	.0			307	307																
72/71					.1	.2	.2	.5	1.0	.9	.9	.6	.2	.0				330	330																
70/69			.0	.0	.1	.2	.5	1.0	1.0	.8	.8	.4	.1					355	355																
68/67			.0	.1	.1	.6	.8	1.1	1.0	1.1	.5	.2						421	421	16															
66/65		.1	.1	.1	.3	.6	1.3	1.0	.8	.7	.3	.1						395	395	102															
64/63		.2	.2	.3	.6	.9	1.3	1.3	.9	.4	.2	.0						444	444	225	2														
62/61		.2	.2	.4	.7	.9	1.1	.8	.8	.2	.1							379	379	413	17														
60/59		.3	.3	.6	.8	1.0	1.0	.9	.4	.2								392	392	634	32														
58/57		.4	.8	.8	.7	.8	.9	.7	.2	.1								390	390	785	51														
56/55		.3	.6	.9	.6	.7	.7	.4	.1	.0								320	320	813	79														
54/53	.0	.6	.8	.7	.6	.8	.5	.2	.1									300	300	808	133														
52/51	.1	.4	.8	.7	.7	.6	.3	.2	.0									279	279	835	225														
50/49	.0	.4	.7	.3	.8	.3	.3	.0										204	204	640	337														
48/47	.0	.2	.6	.6	.4	.2	.1											146	146	550	428														
46/45		.3	.4	.6	.3	.1	.1											123	123	457	549														
44/43	.0	.1	.2	.3	.2	.2	.0											70	70	350	630														
42/41		.1	.1	.2	.2	.1												41	41	234	528														
40/39	.0	.1	.1	.2	.0													27	27	150	615														
38/37	.0		.0	.1														6	6	86	551														
Element (°)	Σ x²	Σ x		Σ	Σ x	No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-2-5 (OLA) REVISED REF. VS ERRORS OF THIS FORM ARE JELUITE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL.

YOUR: (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

351
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

WORKING HOURS (L - S - T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24196 MOUNTAIN HOME AFB ID

68-70, 73-79

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81											.2															3	3								
80/ 79											.1	.4	.2	.4												11	11								
78/ 77										.2	.4	.5														11	11								
76/ 75							.1	.1	.2	.8	.5	.2	.1	.3												22	22								
74/ 73					.1	.4	.1	.5	.4	.4	.1	.1	.2													23	24								
72/ 71				.1	.1	.9	.2	1.1	1.3	1.1	1.2	.4														59	60								
70/ 69				.1	.5	.3	1.1	1.1	2.4	1.0	.7	.4														70	73								
68/ 67				.3	.7	1.1	1.1	2.3	2.5	1.0	1.3															94	98								
66/ 65		.1	.9	.5	1.0	1.2	2.4	1.5	2.8	1.1	.1															107	111	8							
64/ 63		.4	.7	.4	1.4	1.4	2.5	1.9	.9	.3	.1															92	93	20	4						
62/ 61		.2	1.0	.7	1.1	2.5	3.1	2.2	.8	.2																107	108	32	2						
60/ 59		.5	.4	.9	2.1	2.2	2.5	1.9	.7																	102	102	56	15						
58/ 57		.2	.5	.7	1.5	1.4	1.6	.8	.2																	64	64	67	22						
56/ 55			1.0	1.4	1.2	1.4	2.2	.4	.1																	71	71	82	37						
54/ 53		.4	.7	.3	.9	.5	.4	.3	.1																	34	34	119	17						
52/ 51			.2	.2	.2	.4	.4	.2																		16	16	158	47						
50/ 49		.3	.5	.2	.4	.4	.3	.2																		23	23	132	52						
48/ 47			.1	.3	.1																					5	5	99	66						
46/ 45			.1																							1	1	61	58						
44/ 43																												43	73						
42/ 41																												18	86						
40/ 39																												13	74						
38/ 37																												6	88						
36/ 35																												1	66						
34/ 33																													48						
32/ 31																													50						
30/ 29																													33						
28/ 27																													26						
26/ 25																													25						
24/ 23																													12						
22/ 21																													4						
20/ 19																													5						
18/ 17																													2						
16/ 15																													2						
14/ 13																													2						
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature											Total																		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-7C, 73-79

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PAGE 1 C600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
NII 44
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL

YEARS

3600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL		2.5	3.8	5.4	9.8	11.3	16.3	17.2	14.2	9.5	5.5	3.4	1.0	.2					915	930	915	915
																	</					

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

2416	MOUNTAIN HOME AFB ID
STATION	STATION NAME

68-70, 73-79

July

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1111

STATION

STATION NAME

YEAPS

MONTH

HOURS 11 - 5 - T - 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 39																						89													
38/ 37																						87													
36/ 35																						89													
34/ 33																						50													
32/ 31																						47													
30/ 29																						38													
28/ 27																						18													
26/ 25																						12													
24/ 23																						8													
22/ 21																						2													
20/ 19																						2													
18/ 17																						1													
16/ 15																						2													
12/ 11																						1													
TOTAL	.1	.1	.1	.7	.7	.3	1.6	1.2	2.1	4.6	5.8	9.7	10.7	12.5	13.3	10.3	26.3		919	930	919														
								</																											

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L - S - T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
100/ 107																	.2	2	2																
106/ 105																	.5	5	5																
104/ 103																	2.1	19	19																
102/ 101																	6.7	62	62																
100/ 99																	.1	7.4	69	72															
98/ 97																.2	.4	9.2	91	94															
96/ 95																.1	.5	1.5	7.6	90	93														
94/ 93																.1	1.0	.7	2.2	7.1	101	101													
92/ 91																.1	.1	.8	1.6	1.8	4.0	76	78												
90/ 89												.2				.3	1.5	2.2	2.2	.9	67	67													
88/ 87											.1	.4				.5	1.5	3.1	1.6	.2	70	70													
86/ 85									.1	.1	.3	.2	1.1	1.7	1.1	.8					50	50													
84/ 83											.8	1.3	1.7	1.0	.9	.4					56	56													
82/ 81							.1		.1	.1	.2	1.5	1.2	1.1	1.2	.1					52	52													
80/ 79								.2	.2	.3	.3	.3	.3	.4		.1					18	18													
78/ 77				.1			.2		.2	.5	.3	.5	.9	.2		.1					29	29													
76/ 75						.2	.1			.3	.3	.7	.2	.1	.1						19	19													
74/ 73					.1	.3	.1	.2	.3	.4	.4		.2								20	20													
72/ 71		.1		.1	.1	.2	.2		.2		.2		.1								10	10	2												
70/ 69				.1	.1	.2	.2														6	6	16	1											
68/ 67				.1	.1																2	2	40												
66/ 65						.2															2	2	138	1											
64/ 63					.1																1	1	184	1											
62/ 61	.1																				1	1	221	3											
60/ 59					.1																1	1	163	9											
58/ 57																							74	7											
56/ 55																							36	10											
54/ 53																							36	19											
52/ 51																							5	26											
50/ 49																							5	20											
48/ 47																							1	61											
46/ 45				</																															

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL
MCNTM

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

1800-2000
HOURS (L. S. T.)

0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

68-70, 73-79

JUL
MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

Y7425

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

AUG

YF 455

MONTH

0000-0200

HOJRS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L-S-T-I)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

JSAFETAC
FORM
JUL 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/NAC

PSYCHROMETRIC SUMMARY

STATION NAME

68-70, 73-79

YEARS

MONTH

HOURS (L - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24-25	26-27	28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
14/ 13																						1		
12/ 11																						1		
TOTAL	1.7	4.4	5.4	7.3	8.9	12.3	14.9	14.8	14.2	7.3	5.2	2.4	.8	.4							930	930		
																					930	930		
													</											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24186 MOUNTAIN HOME AFB ID
STATION STATION NAME

66-70, 73-79
YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97																	.1	1	1					
94/ 93																	.1	2	2					
92/ 91																.2	.3	.5	10	10				
90/ 89														.1	.8	.2	.6	.17	.17					
88/ 87													.3	.8	.9	.5	.3	.26	.26					
86/ 85											.1	.1	.6	1.7	1.0	.2	.3	.38	.38					
84/ 83									.1	.1	.4	.4	1.7	2.2	1.0	.1		.56	.56					
82/ 81										.4	.5	1.1	2.6	1.8	.4	.1		.65	.65					
80/ 79								.2	.1	.9	1.4	3.2	2.0	1.2	.2			.86	.86					
78/ 77						.1	.1	.1	.6	.4	2.3	2.5	2.0	.3	.1			.80	.80					
76/ 75							.5	1.0	1.2	1.4	2.5	1.8	1.2					.89	.89					
74/ 73				.1		.1	.2	.3	1.9	1.4	2.3	1.8	.4					.80	.80					
72/ 71						.3	.2	1.7	1.7	1.4	2.2	.6	.2					.78	.78					
70/ 69			.1	.1		.9	1.0	1.4	.9	1.4	1.4	.3						.69	.69					
68/ 67				.1	.3	.5	.6	.9	.9	.5	.5	.1						.42	.42		4			
66/ 65				.1	.3	1.4	1.4	.6	1.9	1.1								.64	.64	10	2			
64/ 63				.1	.8	.4	.6	1.2	.5	.2								.36	.36	28				
62/ 61				.4	.4	.2	.4	.8	.1									.22	.22	73	1			
60/ 59			.5	.4	.6	.1	.4	.3										.23	.23	128	7			
58/ 57	.1		.2	.5	.6	.1	.1											.16	.16	178	7			
56/ 55	.2	.5	.1	.2	.1	.2	.1											.14	.14	176	11			
54/ 53		.6		.1	.2													9	9	139	33			
52/ 51	.3	.3	.1															7	7	90	41			
50/ 49																				65	52			
48/ 47																				30	59			
46/ 45																				9	84			
44/ 43																					68			
42/ 41																					71			
40/ 39																					89			
38/ 37																					94			
36/ 35																					88			
34/ 33																					68			
32/ 31																					70			
30/ 29																					29			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

68-7073-79
YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																		.1	1	1		
104/103																		.4	4	4		
102/101																		.4	4	4		
100/ 99																		1.5	14	14		
98/ 97																		2.2	20	20		
96/ 95																		3.8	35	35		
94/ 93																.3	1.0	4.1	50	50		
92/ 91															.1	1.3	2.5	3.8	71	71		
90/ 89													.4	.6	2.4	4.2	1.3	83	83			
88/ 87											.2	.3	.8	1.9	4.1	1.8	.9	93	93			
86/ 85										.1	.1	.9	.8	2.3	2.7	1.6		78	78			
84/ 83										.3	.3	1.5	2.3	1.7	2.2	.1	.1	79	79			
82/ 81									.2		1.2	2.2	1.4	1.8	.6	.2		71	71			
80/ 79								.1	.1	.8	.8	1.2	1.8	.9	.2	.2		56	56			
78/ 77								.3	.2	1.2	1.2	1.3	1.0	.2				50	50			
76/ 75								.5	.6	.5	.4	1.4	.9	.2				43	43			
74/ 73						.1	.2	.2	1.2	1.0	.6	.5						36	36			
72/ 71							.1	.5	.4	.6	1.0	.2						27	27			
70/ 69				.1	.1	.1	.4	.8	.8	.8	.1							29	29			
68/ 67						.1	.3	.3	.5	.6								18	18			
66/ 65				.3	.1	.1	.1	.3	.5	.4								18	18		38	
64/ 63					.1	.1	.3	.2	.3									10	10		99	
62/ 61			.1	.4	.3	.5	.1	.1										15	15	172	1	
60/ 59		.1	.1	.4	.2	.3												11	11	213	1	
58/ 57		.1	.1		.1													3	3	141	9	
56/ 55		.9	.1															9	9	115	11	
54/ 53	.1	.1																2	2	73	22	
52/ 51																				48	25	
50/ 49																				23	38	
48/ 47																				3	38	
46/ 45																					86	
44/ 43																					88	
42/ 41																					73	
40/ 39																					94	
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

AUG
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
178/177																			.5	5	5														
176/175																			.6	6	6														
174/173																			.8	7	7														
172/171																			2.6	24	24														
170/ 99																			2.5	23	23														
98/ 97																			7.4	69	69														
96/ 95																.1	.2	7.3	71	71															
94/ 93																.1	.2	1.2	6.8	77	77														
92/ 91																.3	1.2	2.7	5.8	93	93														
90/ 89																.2	.6	2.3	3.7	2.6	87	87													
88/ 87																.1	1.2	2.8	1.5	1.1	62	62													
86/ 85												.2				1.1	1.3	1.9	1.1	.8	59	59													
84/ 83											.1	.2				1.6	1.1	2.0	.1	.1	54	54													
82/ 81										.2	.2	1.0	1.5			.2	1.9	.3			50	50													
80/ 79										.3	.6	.9	.9			.9	1.5				47	47													
78/ 77										.1	.3	.9	.8	.1		.5	.2				27	27													
76/ 75										.2	.6	.6	.4	.8		.1	.2				28	28													
74/ 73									.1	.3	.4	1.3	.3	.5	.1						29	29													
72/ 71					.1	.1	.2			.6	.1	1.0									20	20													
70/ 69					.1	.2			.3			.9									14	14													
68/ 67			.1		.1		.1	.4	.4	.5	.3										19	19	11												
66/ 65			.2	.1		.2	.2	.5	.4												16	16	43												
64/ 63				.2	.5		.8														14	14	127												
62/ 61		.1	.4	.1	.1	.1															8	8	222												
60/ 59			.3	.3		.1															7	7	213												
58/ 57		.3	.5																		8	8	104												
56/ 55	.1	.1	.1																		3	3	103												
54/ 53		.1																			1	1	52												
52/ 51	.1																				1	1	35												
50/ 49																							19												
48/ 47																																			
46/ 45																																			

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24186 MOUNTAIN HOME AFB ID

68-70,73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
106/105																		.3														3	3					
104/103																		.5														5	5					
102/101																		.4														4	4					
100/ 99																		1.3														12	12					
98/ 97																		.1	2.4													23	23					
96/ 95																		.1	4.1													39	39					
94/ 93																			.1	.5	5.1											53	53					
92/ 91																			.2	.4	1.6	5.3										70	70					
90/ 89																	.1	.5	1.2	3.9	2.0											72	72					
88/ 87																		.6	1.0	3.0	2.5	1.5										80	80					
86/ 85																		.5	1.4	1.6	2.3	1.2	.6									71	71					
84/ 83																	.2	.3	1.1	1.6	2.3	1.0	.2									62	62					
82/ 81																		.1	.1	.3	.3	.8	.6	2.5	.8	.3							54	54				
80/ 79																		.1	.3	.9	1.4	1.3	1.6	.2	.3								57	57				
78/ 77																		.4	.9	1.4	1.0	1.7	.9										58	58				
76/ 75																		.2	.9	.9	.3	.9	.4	.3									36	36				
74/ 73																		.5	1.2	1.0	.5	.6	.3										39	39				
72/ 71																		.8	1.3	.9	1.0	.4											42	42				
70/ 69																		.1	.2	.3	.8	.2	.5	.4	.2	.1							27	27				
68/ 67																		.3	.2	.4	.6	.4	.6	.3									28	28				
66/ 65																		.1	.2	.6	.2	.2	.3	.1									21	21	22			
64/ 63																		.2	.5	.4	.2	.2	.3	.1									19	19	62			
62/ 61																		.1	.2														14	14	148	3		
60/ 59	.3	.1	.2	.4	.1	.3	.1																										15	15	215	6		
58/ 57																		.5	.4	.2	.2												13	13	151	7		
56/ 55																		.3	.1	.1													5	5	139	4		
54/ 53	.2	.1																																4	4	91	25	
52/ 51	.1																																	1	1	49	24	
50/ 49																																				29	42	
48/ 47																																				13	33	
46/ 45																																				4	48	
44/ 43																																					54	
42/ 41																																					69	
40/ 39																																					63	
Element (X)	Σ X ²	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
106/107																		.1	6	6																
106/105																		.1	9	9																
104/103																		.2	16	16																
102/101																		.4	32	32																
100/ 99																		.7	49	49																
98/ 97																	.0	1.5	113	113																
96/ 95																.0	.0	1.9	145	145																
94/ 93																.0	.1	.3	2.0	182	182															
92/ 91																.1	.4	.9	1.9	246	246															
90/ 89												.0	.1	.2	.8	1.5	.8	.8	260	260																
88/ 87											.0	.0	.2	.6	1.4	.8	.5	.5	270	270																
86/ 85										.0	.1	.2	.5	.9	1.0	.6	.2	.2	263	263																
84/ 83									.0	.1	.2	.4	1.0	.9	1.0	.2	.1	.1	290	290																
82/ 81							.0	.1	.1	.4	.9	.8	1.2	.3	.1				294	294																
80/ 79						.0	.1	.4	.6	1.1	1.0	.8	.2	.1					318	318																
78/ 77				.0	.0	.1	.2	.6	1.0	.9	1.0	.4	.1						318	318																
76/ 75					.1	.4	.7	.8	.8	1.0	.7	.2	.0						345	345																
74/ 73			.0	.1	.2	.4	1.0	1.2	.9	.9	.3	.1							372	372																
72/ 71				.1	.2	.2	.7	.9	.9	1.3	.5	.2							365	365																
70/ 69			.0	.1	.1	.3	.4	1.0	.8	1.0	1.0	.4	.0						388	388																
68/ 67		.1	.1	.1	.1	.3	.5	1.1	1.1	1.0	.8	.2							393	393	25															
66/ 65			.1	.1	.2	.7	1.3	.9	1.4	1.3	.3	.1							485	485	121	6														
64/ 63		.0	.1	.2	.6	.7	.8	1.1	1.3	.8	.1								429	429	348	5														
62/ 61		.1	.2	.4	.4	.9	.7	.9	.9	.3	.0								374	374	681	9														
60/ 59	.0	.1	.4	.6	.6	.7	.8	1.0	.8	.1	.0								392	392	915	34														
58/ 57	.1	.3	.4	.7	.6	.5	.6	.8	.3	.0									328	328	825	58														
56/ 55	.1	.5	.5	.5	.9	.4	.6	.3	.2	.0									264	264	917	97														
54/ 53	.2	.4	.3	.3	.2	.3	.4	.2	.0										181	181	850	186														
52/ 51	.3	.3	.3	.1	.2	.3	.3	.1	.0										137	137	818	235														
50/ 49		.2	.1	.1	.2																															

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-70,73-78

SEP

PAGE 2 3000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
14/ 13																																				7
12/ 11																																				2
10/ 9																																				7
8/ 7																																				5
6/ 5																																				4
4/ 3																																				5
2/ 1																																				1
TOTAL		5.2	7.7	7.9	14.1	15.6	17.0	14.0	9.6	5.7	2.2	.7	.4																				900		900	

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2236724	41842	46.5	18.067	900	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	2869517	50271	55.9	8.274	900			9.0	3.4	.2		90
Wet Bulb	1901227	40963	45.5	6.400	900		1.8					90
Dew Point	1120133	30445	33.8	10.019	900		37.8					90

PSYCHROMETRIC SUMMARY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-78

YEARS

SEP
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

0300-0500
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24136 MOUNTAIN HOME AFB ID

67-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73												.1						1	1						
72/ 71								.1	.3	.2	.2	.2	.1					11	11						
70/ 69								.1				.2						3	3						
68/ 67							.1	.3	.3	.4		.1						12	12						
66/ 65					.2	.2	.4	.3	.7	.3								20	20						
64/ 63		.3			1.0	.7	.6	1.1	1.0	.1								43	43						
62/ 61		.2		.3	.6	.7	.9	1.0	.9									41	41	4	3				
60/ 59		.1	.1	.6	1.1	.9	1.1	1.3	.3	.1								51	51	3					
58/ 57		.8	.6	1.1	1.4	1.9	1.6	1.7	.2									83	83	11	2				
56/ 55		1.3	.4	1.2	1.6	1.7	1.3	.7	.3									79	79	32	6				
54/ 53		.8	1.6	.8	1.7	2.1	1.8	.7	.2									86	86	45	13				
52/ 51		.3	.6	1.9	1.8	1.6	1.7	.6	.1									76	76	58	26				
50/ 49		1.1	1.4	2.6	2.6	2.6	1.9	.4										113	113	78	18				
48/ 47		.2	1.2	1.9	1.4	2.6	.4	.2										72	72	90	37				
46/ 45		.6	1.0	.9	2.0	.9	.6											53	53	96	40				
44/ 43		.7	1.0	1.8	1.3	.7	.4											53	53	107	37				
42/ 41		.9	.4	1.1	1.0	.3	.8											41	41	94	54				
40/ 39		.3	.4	1.2	.3		.2											23	23	85	65				
38/ 37		.2	.9	.6			.1											16	16	73	76				
36/ 35	.1	.2	.1	.3		.7												13	13	50	75				
34/ 33	.1					.3												4	4	35	60				
32/ 31			.4			.1												5	5	14	76				
30/ 29					.1													1	1	8	65				
28/ 27																				8	58				
26/ 25																				5	55				
24/ 23																				3	36				
22/ 21																				1	32				
20/ 19																					16				
18/ 17																					11				
16/ 15																					5				
14/ 13																					7				
12/ 11																					5				
10/ 9																					2				
8/ 7																					4				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2791

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

SEP
MONTH

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
88/ 87																	.2	2	2												
86/ 85												.1			.1			2	2												
84/ 83												.2	.1	.4	.1			8	8												
82/ 81											.1	.1	.6	.6	.1			13	13												
80/ 79									.3	.2	.6	.3	.9	.2				23	23												
78/ 77									.2	.6	1.0	1.1	.6	.3				34	34												
76/ 75								.4	.6	.7	1.0	.8	.4					35	35												
74/ 73							.1	.6	.9	1.7	1.6	.6	.7					54	54												
72/ 71							.1	.4	1.0	1.4	2.1	.6	.3					54	54												
70/ 69						.2	.6	.7	2.1	1.4	1.1	.4						59	59												
68/ 67			.3	.1	.1	.9	.6	2.2	2.3	1.8	1.4	.3						88	88												
66/ 65		.3	.1		.3	.8	1.0	1.3	1.6	1.3	.6	.2						68	68												
64/ 63				.3	.7	.9	1.4	2.1	2.8	1.0	.1							84	84	8	2										
62/ 61		.1	.3	.1	.8	.8	2.0	1.8	1.8	.9								77	77	18	1										
60/ 59		.2	.1	.3	.6	1.8	1.7	1.8	1.3	.6								75	75	35											
58/ 57		.8	.4	.4	.8	.9	1.2	2.0	.3									62	62	77	4										
56/ 55	.1	.6	.3	.4	1.1	1.1	.9	.8	.7	.1								55	55	100	8										
54/ 53		.2	.2	.7	.6	.9	1.0	.1	.2									35	35	102	20										
52/ 51		.1	.2	.3	.7	.7	.8	.2	.3									30	30	122	22										
50/ 49	.1		.3	.1	.2	.2	.3	.2										14	14	126	41										
48/ 47			.1	.7	.3	.4		.3										17	17	106	39										
46/ 45		.1		.1	.3			.2										7	7	73	48										
44/ 43					.2													2	2	57	46										
42/ 41			.1		.1													2	2	34	76										
40/ 39																				18	66										
38/ 37																				14	92										
36/ 35																				5	87										
34/ 33																				3	68										
32/ 31																				2	47										
30/ 29																					60										
28/ 27																					58										
26/ 25																					43										
24/ 23			</																												

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

SEP

2100-2300

2200 2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

<u>24106</u>	<u>MOUNTAIN HOME AFB ID</u>
STATION	STATION NAME

67-70, 73-78

YEARS

SEP
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 1 DOCG-0200
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-70,73-78

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
70/ 69										.1								1													1	1			
66/ 65									.1									1													1	1			
64/ 63								.1										1													1	1			
62/ 61					.1		.1		.3	.2								7													7	7			
60/ 59					.1		.2	.1	.4									8													8	8			
58/ 57			.1	.2			.3	.1										7													7	7			
56/ 56						.5	.6	.2	.1									14													14	14			
54/ 53			.1		.3	.5	.4	.1										14													14	14	2		
52/ 51			.3	1.1	.9	1.0	.9	.3										41													41	41	5		
50/ 49		.2	.6	1.4	.3	2.0	.8	.1										60													60	60	4	1	
48/ 47		.3	1.4	1.7	.5	2.3	1.1											77													77	77	10	5	
46/ 45	.1	1.5	2.3	2.4	.4	1.8	.6											103													103	103	41	8	
44/ 43	.2	1.4	2.3	1.8	.2	1.6	.1											89													89	89	72	11	
42/ 41	.1	1.5	2.3	2.5	.9	.9												85													85	85	87	19	
40/ 39		1.0	2.7	3.8	.7	.8												92													92	92	99	36	
38/ 37		1.4	3.3	3.9	.9	.6												94													94	94	104	51	
36/ 35		1.5	2.7	1.8	.1	.1												67													67	67	118	65	
34/ 33	.2	1.7	2.5	1.4	.4													58													58	58	114	57	
32/ 31		.6	2.0	1.6	.3													43													43	43	91	78	
30/ 29		.8	1.0	1.2														27													27	27	62	79	
28/ 27		1.1	.6	.5														21													21	21	53	82	
26/ 25		.2	.4	.2														8													8	8	33	94	
24/ 23		.6	.1															7													7	7	19	91	
22/ 21		.2																2													2	2	10	72	
20/ 19		.3																3													3	3	4	58	
18/ 17																																		2	39
16/ 15																																			26
14/ 13																																			24
12/ 11																																			21
10/ 9																																			3
8/ 7																																			7
4/ 3																																			3
TOTAL	.614	.424	.725	.51	.112	.2	5.2	1.1	1.0	.3								930													930	930	930	930	
Element (X)	Σx²			Σx			X̄			s²			No. Obs.			Mean No. of Hours with Temperature										Total									
Rel. Hum.	3560333			5403			59.616			7.23			930			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				93										
Dry Bulb	1650954			8548			41.4			7.565			930				11.1	.1							93										
Wet Bulb	1221861			3221			35.7			6.152			930				27.4								93										
Dew Point	757750			5464			27.4			8.072			930				67.7								93										

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

67-70, 73-78

GCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73											.2							2	2					
72/ 71										.1	.1	.2	.1					5	5					
70/ 69										.2	.4	.4						10	10					
68/ 67									.2	.2	.5	.2						11	11					
66/ 65							.1			.4	1.2	.3						19	19					
64/ 63						.1	.3	.9	1.1	.4	.2							26	26					
62/ 61							.5	1.4	2.4	.8								47	47					
60/ 59					.1	.6	1.5	.9	1.2	.5								45	45					
58/ 57		.2	.3	.1	.2	1.4	1.5	1.9	.6									59	59					
56/ 55			.3	.1	.5	1.5	1.9	2.0	.8									67	67	3				
54/ 53		.1	.2	.2	.2	1.6	2.9	1.7	.2									83	83	15				
52/ 51	.1		.5	.4	.3	2.9	2.2	1.3										90	90	16				
50/ 49		.2	1.6	1.9	.7	3.2	1.3	.4										97	97	52				
48/ 47	.1	.1	1.6	2.0	.3	2.8	1.4	.1										97	97	80				
46/ 45		1.3	1.0	2.0	.6	.8	.3											65	65	125				
44/ 43	.1	1.1	.6	1.2	.0	1.5	.2											63	63	141				
42/ 41		.2	1.2	1.7	.2	1.2												51	51	125				
40/ 39		.4	1.2	1.1	.6	.3												34	34	116				
38/ 37		.6	.6	1.0	.9	.2												28	28	89				
36/ 35		.1	.6	.3	.1													11	11	75				
34/ 33		.4	.3	.1														8	8	36				
32/ 31		.1	.1	.3														5	5	33				
30/ 29		.2	.3															5	5	16				
28/ 27																				5				
26/ 25																				3				
24/ 23																								
22/ 21																								
20/ 19																								
18/ 17																								
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
Element (X)	ΣX^2		ΣX		\bar{X}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-79, 73-78

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																	
84/ 83															.1	.1	.1		3	3																																	
82/ 81															.4	.1			5	5																																	
80/ 79															.4				4	4																																	
78/ 77												.5	1.0	.3					17	17																																	
76/ 75											.4	1.3	1.1	.1					27	27																																	
74/ 73										.2	.9	1.9	.2	.1					31	31																																	
72/ 71									.2	.9	1.8	1.3	.8						46	46																																	
70/ 69								.4	1.6	1.8	1.3								48	48																																	
68/ 67						.9	1.4	1.9	1.7	.9	.1								64	64																																	
66/ 65					.3	.5	1.8	2.4	1.6	.1									63	63																																	
64/ 63				.1	.5	1.9	1.7	1.8	.6										63	63																																	
62/ 61			.3	1.1	1.5	2.9	1.2	.4											69	69																																	
60/ 59		.2	.1	.2	.6	1.0	1.9	1.6	1.0										62	62																																	
58/ 57		.1	.3	.3	.4	2.2	3.8	1.8	.8										90	90																																	
56/ 55		.3	.4	.4	1.2	3.0	2.2	1.3											82	82																																	
54/ 53		.2	.8	1.4	2.7	.9	.4												69	69																																	
52/ 51	.1	.4	.6	.8	2.0	1.7	.6												59	59																																	
50/ 49	.1	.9	.3	.0	.5	1.0	.2												37	37																																	
48/ 47	.3	.5	.5	.8	1.7	.5	.1												42	42																																	
46/ 45	.3	.1	.1	.5	.4	.4													18	18																																	
44/ 43	.2	.1	.3	.2	.3														11	11																																	
42/ 41	.1	.2	.2	.3	.3														11	11																																	
40/ 39		.2	.1	.3															6	6																																	
38/ 37		.1																	1	1																																	
36/ 35	.1	.1																	2	2																																	
34/ 33																																																					
32/ 31																																																					
30/ 29																																																					
28/ 27																																																					
26/ 25																																																					
24/ 23																																																					
22/ 21																																																					
20/ 19																																																					
18/ 17																																																					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																										
Rel. Hum.																																																					
Dry Bulb																																																					
Wet Bulb																																																					
Dew Point																																																					
Mean No. of Hours with Temperature																																																					
		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																																							

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM AND DERIVATIVE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
16/ 15																						22													
14/ 13																						4													
12/ 11																						1													
TOTAL	1.3	3.5	3.1	.7	9.5	14.4	14.5	13.7	11.7	9.4	7.3	3.1	1.5	.2	.1			930	930		930														

USAFETAC FORM 0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1 1500-1700

0-26.5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

OCT

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1800-2000

1000 200
HOURS (L - S - T)

PSYCHROMETRIC SUMMARY

3CT
MONTH

1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

OCT

PAGE 1 21GG-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
88/ 87																		.0	2	2												
86/ 85																		.0	2	2												
84/ 83															.1	.1	.0		11	11												
82/ 81															.1	.1			13	13												
80/ 79													.1	.1	.3				35	35												
78/ 77											.0	.2	.3	.1					48	48												
76/ 75								.0	.0	.0	.1	.4	.3	.1					68	68												
74/ 73								.0	.1	.2	.6	.3	.0						91	91												
72/ 71								.1	.3	.6	.6	.3	.0						141	141												
70/ 69								.2	.5	.5	.4	.0							122	122												
68/ 67						.0	.0	.3	.5	.6	.6	.2	.0						166	166												
66/ 65							.1	.2	.6	1.0	.5	.1							184	184												
64/ 63							.0	.3	.7	.8	.8	.2	.0						213	213												
62/ 61					.1	.1	.4	.8	1.0	.6	.2								267	267	1											
60/ 59			.1	.1	.2	.3	.8	1.1	1.2	.4	.0								316	316	1											
58/ 57		.0	.1	.2	.2	.6	1.0	1.5	.8	.2									353	353	25											
56/ 55	.0	.0	.1	.2	.4	1.0	1.5	1.4	.6	.0									396	396	87	1										
54/ 53	.0	.0	.2	.3	1.0	1.4	1.6	.9	.2	.0									414	414	213	12										
52/ 51	.0	.1	.5	.7	1.0	1.5	1.8	.8											469	469	306	9										
50/ 49		.1	1.0	1.1	1.4	1.7	1.4	.3											524	524	403	18										
48/ 47	.0	.3	1.1	1.4	1.7	1.9	1.0	.1											567	567	521	44										
46/ 45	.1	.9	1.3	1.4	1.9	1.2	.5	.0											549	549	715	86										
44/ 43	.1	.8	1.3	1.4	1.5	1.2	.2	.0											493	493	823	134										
42/ 41	.1	.7	1.4	1.6	1.3	1.1	.0												451	451	808	222										
40/ 39	.0	.6	1.3	1.9	1.0	.4													398	398	764	366										
38/ 37	.0	.7	1.6	1.6	.5	.3													353	353	644	443										
36/ 35		.7	1.0	1.0	.4	.0													231	231	609	547										
34/ 33	.1	.7	.9	.7	.3	.0													197	197	513	553										
32/ 31	.0	.4	.8	.6	.2														156	156	356	686										
30/ 29	.0	.4	.4	.4															90	90	253	729										
28/ 27		.3	.3	.1															53	53	180	717										
26/ 25		.3	.1	.1															36	36	98	764										
24/ 23		.2	.0																15	15	78	489										
22/ 21		.1	.0																8	8	28	46										
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

0-26.5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A)
MIL 04
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106
STATION

MOUNTAIN HOME AFB ID
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
60/ 59											.3								3	3					
58/ 57					.1			.3											4	4					
56/ 55					.3														3	3					
54/ 53				.2	.2	.3													7	7					
52/ 51			.1		.6	.2	.1												9	9					
50/ 49			.4	.3	.2	.8	.1												17	17	2				
48/ 47		.6	.7	.3	1.2	.8	.2												34	34	8				
46/ 45		.8	.8	1.2	.3	.7	.3	.1											38	38	13	4			
44/ 43	.1	1.4	1.1	1.2	.1	.8	.2												45	45	33	9			
42/ 41	.2	3.8	2.6	1.8	.9	.3													85	85	48	23			
40/ 39	.7	1.3	3.8	1.7	.6	.3	.1												76	76	70	38			
38/ 37	1.2	2.9	3.0	1.6	1.0	.1													88	88	69	43			
36/ 35		2.8	2.6	2.3	.3														72	72	95	31			
34/ 33	.2	3.0	3.4	1.9	.8														34	84	79	52			
32/ 31	1.0	4.1	2.8	2.3	.4														96	96	84	84			
30/ 29	.6	3.0	2.3	1.9															70	70	102	75			
28/ 27	.6	1.2	1.4	.9															37	37	80	87			
26/ 25	.1	2.8	1.6	1.0															49	49	59	57			
24/ 23	.1	1.1	1.7																26	26	49	49			
22/ 21	.1	.9	1.2																20	20	40	63			
20/ 19	.1	.7	.7																13	13	34	56			
18/ 17		.6	.9																13	13	10	41			
16/ 15		.3	.2																5	5	10	40			
14/ 13		.2	.1																3	3	10	38			
12/ 11		.2																	2	2	1	33			
10/ 9		.1																	1	1	3	32			
8/ 7																					1	23			
6/ 5																						8			
4/ 3																						6			
2/ 1																						5			
0/ -1																						1			
-2/ -3																						2			
TOTAL	5.0	31.8	31.3	18.7	7.0	4.3	1.1	.4			.3								900	900	900	900			
Element (X)	Σ x²		Σ x		X		x²		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	4442920		61370		68.2		16.946		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1185121		31805		35.3		8.249		900			33.5					90								
Wet Bulb	946104		28410		31.6		7.405		900			48.3					90								
Dew Point	649475		22575		25.1		9.621		900		.3	79.0					90								

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

24136

MOUNTAIN HOME AFB ID

67-70, 73-78

NOV

STATION

STATION NAME

YEARS

NORTH

PAGE 1

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-70,73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
62/ 61						.1													1	1					
58/ 57				.1	.2			.3											6	6					
56/ 55				.1	.3	.2	.4		.1										11	11					
54/ 53			.1		.4	.4	.6												14	14					
52/ 51				.1	.8	.4	.8	.4											23	23	2				
50/ 49		.2	.6	.9	1.0	1.2	.2	.1											38	38	6	1			
48/ 47	.3	.6	.7	1.8	1.2	1.0	.9												58	58	8	3			
46/ 45	.2	1.	1.8	2.1	2.2	.4	.4	.1											76	76	29	7			
44/ 43	.3	1.2	2.4	1.9	1.0	.9	.1												71	71	45	16			
42/ 41	.1	1.2	2.2	2.0	1.1	.8	.1												68	68	75	16			
40/ 39	.7	2.7	2.8	2.2	1.3	.7													93	93	89	31			
38/ 37	.9	1.9	3.0	2.3	1.6	.4													91	91	95	51			
36/ 35	.2	1.7	1.7	1.2	.6														48	48	95	64			
34/ 33	.6	2.7	2.2	3.0	.8														83	83	80	63			
32/ 31	.4	2.8	1.8	1.9	.4														66	66	85	65			
30/ 29	.4	1.8	1.9	1.3															49	49	69	92			
28/ 27	.2	1.8	1.8	.4															38	38	79	80			
26/ 25		.8	1.7	.1															23	23	52	60			
24/ 23	.1	.4	.4																9	9	36	51			
22/ 21		.3	.9	.1															12	12	20	54			
20/ 19	.1	.4	.6	.1															11	11	7	42			
18/ 17		.3	.4																7	7	15	59			
16/ 15	.1																		1	1	6	50			
14/ 13		.1																	1	1	4	29			
12/ 11			.1																1	1	1	30			
10/ 9																						20			
8/ 7		.1																	1	1	1	13			
6/ 5																					1	3			
4/ 3																						3			
2/ 1																						2			
-2/ -3																						1			
-4/ -5																						1			
-6/ -7																						2			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

67-72, 73-78 -

NOV
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-70,73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.		TOTAL							
68/ 67										.1	.1							2	2								
66/ 65										.3								3	3								
64/ 63						.2	.1	.2	.7	.4	.1							16	16								
62/ 61							.4	.8	.4	.2								17	17								
60/ 59					.2	.9	.9	1.2	.4	.2	.1							36	36								
58/ 57					.8	.8	1.8	.2	.1									33	33								
56/ 55				.4	.3	1.0	1.3	1.1	.6	.1								44	44								
54/ 53		.1	.1	.3	.7	1.6	1.9	1.3	.1									55	55	3							
52/ 51		.1	.4	.6	1.2	1.6	1.8	.2	.1									54	54	4							
50/ 49	.2	.4	1.2	.9	2.4	1.6	1.0	.6										75	75	30	4						
48/ 47		.6	1.1	2.0	2.1	2.0	.9	.3										81	81	54	2						
46/ 45		.6	1.6	1.7	2.9	1.8	1.8											92	92	67	14						
44/ 43	.2	.4	2.0	2.7	1.7	1.4	.4											80	80	92	20						
42/ 41	.4	1.0	1.6	1.1	1.1	2.1	.1											67	67	105	30						
40/ 39	.2	.4	1.2	.6	2.0	1.0												49	49	118	30						
38/ 37	.1	1.2	.9	1.8	1.9	.3												56	56	88	45						
36/ 35	.1	1.0	1.1	.8	1.8													43	43	78	74						
34/ 33	.4	.7	1.1	.4	.6													29	29	65	72						
32/ 31	.3	.2	.7	1.1	.7													27	27	71	97						
30/ 29		.8	.3	.8														17	17	43	71						
28/ 27	.1	.2	.8	.1														11	11	32	72						
26/ 25		.1	.1	.1	.1													4	4	18	68						
24/ 23			.4	.2	.1													7	7	19	47						
22/ 21			.1	.1														2	2	3	37						
20/ 19																				7	42						
18/ 17																				1	57						
16/ 15																				2	40						
14/ 13																					29						
12/ 11																					19						
10/ 9																					14						
8/ 7																					3						
6/ 5																					8						
4/ 3																					1						
2/ 1																					1						
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						Total					
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

NOV

PAGE 1 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

67-70, 73-78

YEARS

NCV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
2/ 1																						1													
3/ -1																						1													
-6/ -7																						1													
-8/ -9																						1													
TOTAL	1.3	8.4	13.8	12.9	18.1	15.9	12.2	8.6	5.4	2.0	1.3							900	900	900	900														

USAFETAC
FORM
NH 44
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1800-2000

1000 2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM NO. 44
0.26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NF V

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

NOV
MONTH

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY |

67-70, 73-78

NCV

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

67-79, 73-78

DEC
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

DEC
MONTH

0000-0200
HOURS (L, S, T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21106 MOUNTAIN HOME AFB ID
STATION STATION NAME

67-70,73-78
YEARS

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
54/ 53					.1													1	1														
52/ 51				.2														2	2														
50/ 49						.3												3	3														
48/ 47			.3	.3		.1												7	7														
46/ 45			.3	.1	.2	.3												9	9										3				
44/ 43		.3	.1	.2	.1													7	7										4				
42/ 41		.4	1.6	.3	.3	.1	.2											28	28										10	1			
40/ 39		.8	1.4	1.0	.1													30	30										11	6			
38/ 37	.2	2.0	2.5	1.1	.2	.1												57	57										34	12			
36/ 35		3.6	4.0	1.4														83	83										42	13			
34/ 33	.1	4.4	2.6	1.3	.3													81	81										72	27			
32/ 31		4.4	4.8	.4	.2													92	92										98	46			
30/ 29	.2	5.0	3.9	.4														88	88										87	59			
28/ 27	.6	5.5	3.4	.3														92	92										114	89			
26/ 25	.6	2.7	2.3															52	52										96	71			
24/ 23	.4	4.2	.8															50	50										59	87			
22/ 21	.2	6.6	.5															68	68										68	78			
20/ 19	.2	5.3																51	51										71	67			
18/ 17	.1	2.9																28	28										39	78			
16/ 15	.2	1.7																18	18										26	65			
14/ 13	.9	2.3																29	29										33	54			
12/ 11	.1	1.7																17	17										18	66			
10/ 9		1.3																12	12										14	27			
8/ 7	.2	.3																5	5										8	28			
6/ 5	.2	.2																4	4										6	15			
4/ 3	.2	.3																5	5										4	12			
2/ 1		.5																5	5										4	5			
0/ -1	.2	.1																3	3										5	3			
-2/ -3		.1																1	1										2	5			
-4/ -5		.1																1	1										1	5			
-6/ -7																													1	4			
-8/ -9																															2		
-10/ -11																															1		
-14/ -15																															1		
Element (X)	Σ x²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature							Total															
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

USAFETAC FORM 0-26-5 (OLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
WH 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

MONTH

HOURS (L, S, T)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC

MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

MONTH

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
56/ 55					.1													1	1													
52/ 51				.1			.1											2	2													
50/ 49			.1		.2	.1												4	4													
48/ 47			.2	.2	.3	.3	.1											11	11	1												
46/ 45		.1	.6	.4	.3	.2	.2											16	18	3												
44/ 43		.9	.3	1.1	.1	.3												25	25	6	1											
42/ 41		.3	1.4	1.2	.9	.1												36	36	18	5											
40/ 39		.8	2.6	2.2	.8	.1												59	59	18	8											
38/ 37		1.8	2.4	1.3	.4													55	55	39	12											
36/ 35		3.1	3.5	1.7	.1													79	79	63	15											
34/ 33		4.0	3.8	2.0	.1													92	92	84	27											
32/ 31		4.4	4.8	1.8	.1													104	104	90	49											
30/ 29	.3	4.4	3.7	.9														86	86	108	62											
28/ 27	.5	4.2	4.9	.2														92	92	114	100											
26/ 25	.3	3.3	1.8															51	51	87	76											
24/ 23	.1	3.8	1.0															45	45	79	72											
22/ 21	.1	3.4	1.0															42	42	59	81											
20/ 19	.3	4.1	.4															45	45	42	88											
18/ 17		1.7	.2															18	18	37	84											
16/ 15	.5	1.5	.1															26	20	24	69											
14/ 13	.1	1.0																10	10	16	44											
12/ 11		.9	.1															9	9	10	53											
10/ 9	.2	.6	.1															9	9	8	22											
8/ 7	.1	.5																6	6	8	14											
6/ 5	.1	.4																5	5	8	12											
4/ 3		.2																2	2	3	11											
2/ 1		.2																2	2	3	7											
0/ -1																					2											
-2/ -3		.2																2	2	1	3											
-4/ -5																				1	5											
-6/ -7																					3											
-8/ -9																					1											
-10/-11																					2											
-12/-13																					1											
-14/-15																					1											
Element (X)	ΣX^2			ΣX			\bar{X}			σ_X			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

5900-1100
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LISAFETAC FORM

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC

MONITOR

PAGE 1

1503-1700
MOUSE (L. S. I.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

PAGE 1 1800-2000
HOURS (i.e. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 57											.1							1	1																
56/ 55								.1										1	1																
54/ 53						.3			.1									4	4																
52/ 51				.1		.1		.2										4	4																
50/ 49				.1	.2		.1											5	5																
48/ 47			.8	.5	.3	.1												16	16																
46/ 45		.2	.2	.5	.2													11	11	2															
44/ 43	1.0	1.2	.9	.4														32	32	18															
42/ 41		.9	1.8	1.8	.9	.4												54	54	20	7														
40/ 39	.1	.9	1.8	2.3	.5	.1												53	53	40	13														
38/ 37		1.5	3.5	2.7	.4													75	75	32	16														
36/ 35		3.5	4.0	1.9	.4													91	91	68	30														
34/ 33		4.9	6.0	1.6	.3													119	119	91	28														
32/ 31		3.1	3.9	2.8	.1													92	92	115	63														
30/ 29	.4	3.5	5.3	.9														93	93	119	75														
28/ 27	.9	2.2	3.9	.2														66	66	96	72														
26/ 25	.3	2.9	3.0															58	58	92	97														
24/ 23	.1	3.1	1.5	.2														46	46	68	90														
22/ 21	.1	2.4	1.2	.1														35	35	57	74														
20/ 19		1.5	1.0															23	23	36	69														
18/ 17		1.1	.1															11	11	22	66														
16/ 15	.1	1.1	.4															15	15	16	71														
14/ 13		.5	.2															7	7	11	52														
12/ 11		.2	.1															3	3	8	42														
10/ 9		.3	.1															4	4	3	15														
8/ 7		.4																4	4	4	12														
6/ 5		.1																1	1	5	9														
4/ 3																				1	2														
2/ 1		.3																3	3	2	7														
0/ -1																				1	5														
-4/ -5																					3														
-6/ -7																					5														
-8/ -9																					2														
-10/-11																					2														
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MON

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
54/ 53						.1												1	1													
52/ 51					.1	.1												2	2													
50/ 49				.2		.1	.1											4	4													
48/ 47			.1	.1		.2	.2											6	6													
46/ 45		.5	.2	.6	.5													18	18	3												
44/ 43		.5	.5	.1	.1													12	12	7												
42/ 41		.9	1.4	1.3	.9													41	41	12	7											
40/ 39		1.6	1.9	.9	.3	.2												46	46	25	8											
38/ 37		1.7	3.7	1.3	.4													66	66	38	11											
36/ 35	.3	3.1	2.3	.9	.1													62	62	68	20											
34/ 33		3.1	6.2	.9	.1													95	95	68	33											
32/ 31		5.0	4.8	1.2	.2													103	103	82	60											
30/ 29	.4	5.8	3.2	.5														93	93	117	57											
28/ 27	.6	3.6	1.9	.1														58	58	107	71											
26/ 25	.8	4.3	2.9															74	74	78	107											
24/ 23	.1	4.0	1.3															50	50	66	89											
22/ 21	.1	4.9	1.3															55	55	68	65											
20/ 19	.3	4.9	.5															53	53	56	68											
18/ 17	.1	1.4																14	14	48	82											
16/ 15	.2	1.7	.3															21	21	22	56											
14/ 13	.1	1.7																17	17	15	51											
12/ 11	.2	1.0																11	11	16	52											
10/ 9		.8																7	7	8	33											
8/ 7		.1																1	1	6	11											
6/ 5		.4																4	4	2	11											
4/ 3		.5																5	5	4	9											
2/ 1		.4																4	4	4	4											
0/ -1		.1																1	1	4	6											
-2/ -3		.1																1	1		4											
-4/ -5		.1																1	1	1	2											
-6/ -7																				1	2											
-8/ -9																					4											
-10/-11																					3											
-14/-15																					1											
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

67-70, 73-78

DEC

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24106 MOUNTAIN HOME AFB ID

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																	
56/ 57								.0									.0																2		2																																		
56/ 55						.0	.1	.0	.0								.0																13		13																																		
54/ 53							.1	.1	.0	.1	.0						.0																22		22																																		
52/ 51				.0	.2	.2	.1	.0	.1	.0							.0																51		51																																		
50/ 49		.0	.1	.1	.2	.3	.2	.0																									77		77	2																																	
48/ 47		.0	.5	.3	.4	.4	.1																										134		134	12																																	
46/ 45		.2	.6	.6	.6	.3	.1																										177		177	50																																	
44/ 43		.6	.5	.7	.8	.3	.0																										215		215	96																																	
42/ 41		.5	1.7	1.5	1.1	.4	.1																										393		393	144																																	
40/ 39	.0	1.0	1.9	1.8	1.2	.1																											444		444	228																																	
38/ 37	.0	1.6	2.7	2.2	.7	.1																											541		541	358																																	
36/ 35	.1	3.0	3.1	1.7	.5																												620		620	548																																	
34/ 33	.1	3.8	4.1	1.8	.4																												765		765	667																																	
32/ 31	.0	3.8	4.4	2.0	.2																												765		765	828																																	
30/ 29	.4	4.0	3.5	.6	.0																												633		633	832																																	
28/ 27	.6	3.4	3.0	.2																													525		525	844																																	
26/ 25	.4	3.0	2.1	.1																													420		420	651																																	
24/ 23	.2	3.3	1.0	.1																													335		335	487																																	
22/ 21	.1	3.8	.7	.1																													354		354	454																																	
20/ 19	.2	3.3	.5	.0																													295		295	349																																	
18/ 17	.1	1.7	.1																														143		143	251																																	
16/ 15	.2	1.5	.2																														146		146	177																																	
14/ 13	.2	1.3	.1																														114		114	128																																	
12/ 11	.1	.9	.0																														74		74	103																																	
10/ 9	.1	.6	.0																														48		48	67																																	
8/ 7	.1	.4																															38		38	40																																	
6/ 5	.1	.2																															23		24	43																																	
4/ 3	.0	.2																															20		21	18																																	
2/ 1	.0	.3																															22		22	20																																	
0/ -1	.1	.1																															10		10	18																																	
-2/ -3	.0	.1																															8		8	7																																	
-4/ -5		.0																															3		3	5																																	
-6/ -7																																				3																																	
-8/ -9																																				13																																	
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ					Σ					Σ																																	
Rel Hum																																																																					
Dry Bulb																																																																					
Wet Bulb																																																																					
Dew Point																																																																					
																																			Mean No. of Hours with Temperature																																		
																																			≤ 0 F					≤ 32 F					≤ 67 F					≤ 73 F					≤ 80 F					≤ 93 F					Total				

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
---------	--------------

67-70, 73-78

DEC

MONTH

PAGE 2

ALI

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-11/-11																						11										
-12/-13																						1										
-14/-15																						4										
-16/-17																						7										
-18/-19																						2										
-20/-21																						1										
TOTAL	3.0	42.7	30.8	14.1	6.4	2.2	.6	.2	.1										7430	7430	7430											
											</																					

PSYCHROMETRIC SUMMARY

ALL

STATION 4

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24106 MOUNTAIN HOME AFB ID

67-70,73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
70-02	MEAN	26.2	31.9	35.8	42.0	50.5	59.4	67.9	64.3	55.9	43.6	35.3	28.9	45.2											
	S D	10.604	6.962	7.481	7.567	7.735	8.538	6.969	7.346	8.274	7.506	8.249	8.879	15.861											
	TOTAL OBS	930	846	930	897	930	900	930	930	900	930	900	930	10953											
73-05	MEAN	25.3	30.6	34.0	39.5	47.1	55.4	63.4	60.5	52.5	41.4	34.0	28.0	42.7											
	S D	10.707	6.894	7.442	7.355	7.352	7.998	6.638	6.927	7.801	7.565	8.203	9.069	14.750											
	TOTAL OBS	930	846	929	897	930	900	930	930	900	930	900	930	10952											
76-08	MEAN	24.7	29.5	33.2	40.1	49.9	59.0	65.8	61.5	52.1	40.4	33.0	27.3	43.1											
	S D	10.875	7.209	7.538	7.384	7.928	8.579	6.996	7.380	7.830	7.629	8.390	9.206	15.893											
	TOTAL OBS	930	846	930	898	930	900	930	930	900	930	900	930	10954											
79-11	MEAN	27.2	33.9	41.2	49.8	60.5	70.2	78.3	74.0	64.5	50.9	38.4	30.2	51.7											
	S D	10.394	7.295	7.988	8.207	8.914	9.956	7.407	8.530	8.514	8.081	8.321	8.760	19.055											
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955											
12-14	MEAN	32.9	40.9	48.5	56.4	67.1	77.3	86.8	82.7	73.7	60.2	45.6	36.2	59.1											
	S D	9.815	7.584	8.786	9.619	10.189	11.373	8.002	9.686	9.767	8.968	8.817	8.141	20.066											
	TOTAL OBS	930	846	930	897	930	899	930	930	900	930	900	930	10952											
15-17	MEAN	34.3	43.3	50.7	58.7	69.5	80.0	90.6	86.1	77.2	62.7	46.9	37.0	61.5											
	S D	9.446	7.977	8.999	10.046	10.699	11.774	8.229	10.547	10.562	9.713	9.156	7.873	20.931											
	TOTAL OBS	930	846	930	897	930	900	930	929	900	930	900	929	10951											
18-20	MEAN	30.0	38.4	46.2	54.9	66.1	76.9	87.5	81.8	70.8	54.1	40.5	32.0	56.7											
	S D	9.758	7.393	8.739	9.907	10.523	11.531	8.400	10.620	10.512	8.795	8.243	8.086	21.236											
	TOTAL OBS	930	846	930	897	929	900	930	927	900	930	900	927	10946											
21-23	MEAN	27.7	34.0	39.1	46.5	56.3	66.2	75.6	70.2	60.6	46.9	36.7	29.5	49.2											
	S D	10.274	6.723	7.613	8.400	8.558	9.759	7.639	8.254	8.433	7.609	8.186	8.776	17.856											
	TOTAL OBS	930	846	930	897	930	900	930	927	900	930	900	926	10946											
ALL HOURS	MEAN	28.5	35.3	41.1	48.5	58.4	68.0	77.0	72.6	63.4	50.0	38.8	31.1	51.1											
	S D	10.759	8.631	10.255	11.182	12.178	13.392	12.479	12.903	12.818	11.432	9.740	9.270	19.594											
	TOTAL OBS	7440	6768	7439	7179	7439	7199	7440	7433	7200	7440	7200	7432	87609											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24106 MOUNTAIN HOME AFB ID

67-70, 73-79

STATION		STATION NAME											YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL										
00-02	MEAN	24.0	29.1	31.5	35.7	42.2	49.1	53.8	50.8	45.5	37.2	31.6	26.4	38.1										
	S D	10.016	6.223	6.212	5.720	6.069	6.060	5.235	4.928	6.400	6.156	7.405	7.963	11.724										
	TOTAL OBS	930	846	930	897	930	900	917	930	900	930	900	929	10939										
03-05	MEAN	23.2	28.1	30.2	34.2	40.4	47.3	51.8	49.1	43.9	35.7	30.6	25.6	36.7										
	S D	10.081	6.263	6.247	5.753	5.923	6.279	5.460	5.205	6.716	6.152	7.526	8.167	11.479										
	TOTAL OBS	929	846	929	897	930	900	915	930	900	930	899	929	10934										
06-08	MEAN	22.7	27.3	29.7	34.6	42.3	49.4	53.4	50.0	43.9	35.1	29.8	24.9	36.9										
	S D	10.283	6.582	6.460	5.604	5.962	6.123	5.237	5.188	6.802	6.149	7.692	8.357	12.223										
	TOTAL OBS	930	846	930	898	930	900	915	930	900	930	899	930	10938										
09-11	MEAN	24.8	30.4	35.0	40.2	47.6	54.0	58.5	55.8	50.5	41.6	33.7	27.2	41.6										
	S D	9.772	6.295	6.089	5.287	5.564	5.638	4.204	4.104	5.691	5.396	7.196	7.751	12.760										
	TOTAL OBS	927	846	930	899	930	900	917	930	900	930	900	930	10939										
12-14	MEAN	28.9	34.9	38.8	43.2	49.8	56.0	60.8	58.6	54.1	46.1	38.1	31.4	45.1										
	S D	8.896	5.903	6.079	5.572	5.700	5.494	3.896	3.844	5.210	5.076	6.732	6.834	11.981										
	TOTAL OBS	929	846	930	897	930	899	919	930	900	930	900	930	10940										
15-17	MEAN	29.9	36.3	39.7	44.0	50.5	56.7	61.6	59.4	54.9	47.0	38.7	32.0	45.9										
	S D	8.527	5.821	5.952	5.525	5.662	5.266	3.656	3.739	5.094	5.344	6.781	6.658	11.892										
	TOTAL OBS	929	846	930	897	930	900	921	929	900	930	900	929	10941										
18-20	MEAN	27.0	33.5	37.4	42.2	49.2	55.5	60.4	57.8	52.4	43.1	35.0	28.6	43.5										
	S D	9.050	5.869	6.018	5.600	5.718	5.178	3.716	3.957	5.566	5.627	6.879	7.242	12.556										
	TOTAL OBS	930	846	930	897	929	900	923	927	900	930	900	927	10939										
21-23	MEAN	25.3	30.7	33.6	38.2	45.3	51.9	56.5	53.3	47.9	39.1	32.5	26.8	40.1										
	S D	9.684	5.827	6.124	5.701	5.838	5.666	4.676	4.493	5.824	5.902	7.196	7.974	12.092										
	TOTAL OBS	930	846	930	897	930	900	921	927	900	930	900	926	10937										
ALL HOURS	MEAN	25.7	31.3	34.5	39.0	45.9	52.5	57.1	54.4	49.1	40.6	33.7	27.9	41.0										
	S D	9.866	6.825	7.138	6.693	6.874	6.638	5.754	5.887	7.268	7.162	7.816	8.017	12.561										
	TOTAL OBS	7434	6768	7439	7179	7439	7199	7348	7433	7200	7440	7198	7430	87507										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24106 MOUNTAIN HOME AFB ID

67-70,73-79

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	18.6	24.1	24.4	26.4	32.3	39.0	41.2	37.5	33.8	28.1	25.1	21.0	29.3
	S D	11.758	7.057	7.151	7.726	8.385	9.028	9.047	9.425	10.019	8.506	9.621	8.846	11.411
	TOTAL OBS	930	846	930	897	930	900	917	930	900	930	900	929	10939
03-05	MEAN	17.9	23.2	23.7	26.1	31.8	38.8	41.1	37.5	33.6	27.4	24.4	20.3	28.8
	S D	11.666	7.210	6.951	7.249	7.958	8.881	9.039	9.396	10.333	8.072	9.707	8.968	11.498
	TOTAL OBS	929	846	929	897	930	900	915	930	900	930	899	929	10934
06-08	MEAN	17.4	22.6	23.6	26.4	33.3	40.1	42.5	38.7	34.1	27.2	23.9	19.7	29.1
	S D	11.942	7.522	7.195	6.889	7.583	8.495	8.377	8.993	10.296	7.862	9.672	9.090	11.902
	TOTAL OBS	930	846	930	898	930	900	915	930	900	930	899	930	10938
09-11	MEAN	19.1	24.4	25.9	27.7	34.0	39.9	42.9	40.4	36.7	30.2	26.4	21.2	30.8
	S D	11.562	7.372	7.287	7.248	7.431	8.205	7.797	7.926	9.219	7.407	9.386	8.695	11.314
	TOTAL OBS	927	846	930	899	930	900	917	930	900	930	900	930	10939
12-14	MEAN	21.4	26.1	25.6	27.0	32.2	37.9	41.0	39.2	36.1	30.3	27.7	23.3	30.6
	S D	10.907	7.257	7.741	7.632	7.900	8.305	8.073	7.607	8.704	7.247	9.309	8.271	10.418
	TOTAL OBS	929	846	930	897	930	899	919	930	900	930	900	930	10940
15-17	MEAN	21.9	26.3	24.9	25.9	31.1	36.7	39.6	37.9	34.6	29.6	27.5	23.5	30.0
	S D	10.652	7.199	7.883	7.963	8.099	8.360	7.745	7.715	8.653	7.834	9.411	8.545	10.160
	TOTAL OBS	929	846	930	897	930	900	921	929	900	930	900	929	10941
18-20	MEAN	20.8	26.1	25.0	26.0	31.4	36.6	39.1	37.5	34.5	29.6	26.6	22.4	29.6
	S D	10.740	6.801	8.018	8.124	8.550	9.080	8.560	8.438	9.408	8.041	9.317	8.689	10.509
	TOTAL OBS	930	846	930	897	929	900	923	927	900	930	900	927	10939
21-23	MEAN	19.8	25.1	25.0	26.9	32.8	38.4	40.3	37.4	34.2	28.7	25.5	21.3	29.6
	S D	11.268	6.691	7.514	7.948	8.354	9.376	9.340	9.340	9.709	8.319	9.437	9.061	11.095
	TOTAL OBS	930	846	930	897	930	900	921	927	900	930	900	926	10937
ALL HOURS	MEAN	19.6	24.7	24.8	26.5	32.4	38.4	41.0	38.3	34.7	28.9	25.9	21.6	29.7
	S D	11.420	7.261	7.511	7.626	8.087	8.807	8.603	8.690	9.613	8.000	9.568	8.862	11.071
	TOTAL OBS	7434	6768	7439	7179	7439	7199	7348	7433	7200	7440	7198	7430	87507

RELATIVE HUMIDITY

241G6 MOUNTAIN HOME AFB ID

68-70, 73-79

JAN

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.9	99.4	94.2	83.5	63.3	31.6	11.4	73.9	930
	03-05	100.0	100.0	100.0	99.5	95.0	85.4	63.0	33.7	10.9	74.1	929
	06-08	100.0	100.0	100.0	99.7	96.1	84.1	63.9	33.9	10.9	74.3	930
	09-11	100.0	100.0	100.0	98.9	92.6	79.0	57.3	31.1	9.4	72.2	927
	12-14	100.0	100.0	99.4	94.6	80.3	56.3	33.7	16.7	5.0	64.2	929
	15-17	100.0	100.0	99.5	92.8	75.9	50.4	29.4	12.7	2.8	61.9	929
	18-20	100.0	100.0	100.0	98.5	91.4	72.8	48.7	24.8	7.0	69.7	930
	21-23	100.0	100.0	100.0	99.0	94.4	82.6	60.4	29.4	10.9	73.0	930
TOTALS		100.0	100.0	99.9	97.8	90.0	74.3	52.5	26.7	8.5	70.4	7434

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1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) are bounded and tend to zero as $t \rightarrow \infty$ if the matrix A is stable. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not stable. It is shown that the solutions of the system (1) are unbounded and tend to infinity as $t \rightarrow \infty$ if the matrix A is not stable.

FEB

MONTH

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

68-70,73-79
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.7	94.9	82.4	60.2	33.9	13.9	3.9	64.5	930
	03-05	100.0	100.0	99.7	97.6	87.5	70.5	42.5	17.3	2.4	67.3	929
	06-08	100.0	100.0	99.7	97.7	90.8	74.1	45.4	20.5	2.7	68.7	930
	09-11	100.0	100.0	96.9	82.2	58.5	39.6	20.6	9.6	2.2	56.6	930
	12-14	100.0	97.7	77.4	48.6	26.7	14.4	6.9	3.2	.2	43.3	930
	15-17	100.0	94.0	66.3	37.7	21.4	9.7	5.1	1.7	.3	39.2	930
	18-20	100.0	97.7	81.2	56.0	35.8	21.4	10.8	4.9	1.2	46.5	930
	21-23	100.0	99.9	98.2	88.0	67.8	44.9	22.6	9.2	2.4	58.9	930
TOTALS		100.0	98.7	89.9	75.3	58.9	41.9	23.5	10.0	1.9	55.6	7439

RELATIVE HUMIDITY

APR

MONIM

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	98.6	93.6	82.9	65.9	39.5	18.7	6.8	1.7	56.4	897
	03-05	100.0	99.1	97.3	88.7	77.5	50.6	25.9	9.3	2.5	60.6	897
	06-08	100.0	99.4	96.4	90.5	74.1	49.8	24.7	9.8	1.4	60.1	898
	09-11	100.0	96.1	83.6	59.3	31.7	15.7	7.2	3.1	.8	45.3	899
	12-14	98.8	87.2	56.7	26.4	14.0	7.4	3.5	1.6	.1	35.2	897
	15-17	98.9	77.1	42.1	20.5	11.9	6.6	3.0	1.2		31.5	897
	18-20	99.0	84.1	57.6	31.2	18.5	11.8	4.7	1.2	.1	36.3	897
	21-23	100.0	96.8	86.0	67.8	42.8	25.1	13.3	4.9	1.0	49.3	897
TOTALS		99.6	92.3	76.7	58.4	42.1	25.8	12.6	4.7	1.0	46.8	7179

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	98.7	92.5	74.3	48.4	25.7	15.1	7.1	.9	52.1	930
	03-05	100.0	99.6	96.8	85.8	65.3	39.2	21.1	9.5	2.2	57.5	930
	06-08	100.0	99.4	95.3	83.3	57.1	32.2	16.9	6.9	1.9	55.0	930
	09-11	99.9	93.3	71.1	40.2	16.9	8.3	4.4	1.1	.2	39.3	930
	12-14	99.2	76.5	38.2	15.8	7.7	3.9	1.9	.4		29.8	930
	15-17	97.2	65.9	28.0	13.3	5.9	2.4	1.4	.2		26.8	930
	18-20	98.2	72.8	38.8	21.2	11.2	6.2	2.6	.9	.3	30.7	929
	21-23	100.0	97.1	77.4	49.9	29.0	15.8	7.6	3.9	.6	43.9	930
TOTALS		99.3	87.9	67.3	48.0	30.2	16.7	8.9	3.8	.8	41.9	7439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01-02	99.9	98.2	85.0	63.0	42.0	27.0	17.7	9.3	2.6	50.2	900
	03-05	100.0	98.8	94.0	79.2	56.2	39.1	25.3	11.8	3.4	56.5	900
	06-08	100.0	98.8	90.3	70.8	48.2	32.1	18.4	8.6	2.4	52.7	900
	09-11	99.7	87.1	56.7	32.0	16.8	8.3	3.9	1.9	.7	36.4	900
	12-14	96.4	60.7	29.7	14.9	7.3	4.8	3.0	1.8	.3	27.4	899
	15-17	93.2	45.2	21.9	12.1	7.4	3.8	2.6	1.1	.2	24.4	900
	18-20	96.0	53.6	28.8	18.4	11.4	6.9	3.6	1.0	.1	27.4	900
	21-23	99.7	88.0	59.7	40.3	24.4	16.2	11.1	5.9	1.8	40.4	900
TOTALS		98.1	78.8	58.3	41.3	26.7	17.3	10.7	5.2	1.4	39.4	7199

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	93.7	70.0	40.1	22.2	11.2	5.8	2.2	.4	40.5	917
	03-05	100.0	97.9	85.7	58.3	35.2	19.0	10.4	3.9	1.3	46.8	915
	06-08	100.0	97.6	84.4	54.6	30.5	15.8	8.3	4.0	1.0	45.3	915
	09-11	99.6	79.0	41.4	16.2	6.9	3.4	2.1	1.2	.4	30.6	917
	12-14	94.6	45.7	13.7	5.8	2.6	1.7	.9	.2	.1	21.9	919
	15-17	87.0	29.0	8.1	3.7	2.3	.8	.3	.2		18.4	921
	18-20	89.3	35.5	13.9	7.0	3.5	1.5	.3	.3	.1	20.4	923
	21-23	98.7	75.7	40.2	19.9	10.0	5.8	2.7	.8	.2	31.0	921
TOTALS		96.2	69.3	44.7	25.7	14.2	7.4	3.9	1.6	.4	31.9	7348

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID

68-70,73-79

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	91.4	63.9	37.2	24.2	16.1	10.2	5.6	2.9	40.9	930
	03-05	100.0	96.9	78.0	50.4	32.6	20.8	14.4	8.3	4.1	46.1	930
	06-08	100.0	97.2	78.5	53.3	34.1	20.9	13.1	8.1	4.2	46.5	930
	09-11	99.0	78.4	43.2	24.4	14.1	7.3	4.4	2.7	1.6	33.1	930
	12-14	94.4	46.8	21.0	10.0	5.4	3.4	2.6	1.3	.6	24.2	930
	15-17	86.8	34.0	16.5	8.0	5.2	4.0	2.9	1.5	.6	21.3	929
	18-20	91.7	42.7	22.7	13.2	7.4	5.4	3.6	2.6	1.2	24.4	927
	21-23	99.1	77.6	43.6	26.5	16.4	9.5	6.7	3.7	2.4	34.0	927
TOTALS		96.4	70.6	45.9	27.9	17.4	10.9	7.2	4.2	2.2	33.8	7433

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106

MOUNTAIN HOME AFB ID

67-70,73-78

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	97.4	78.7	55.8	36.4	20.4	12.0	6.1	1.6	46.5	900
	03-05	100.0	98.9	88.2	69.1	48.7	27.8	15.8	8.4	3.2	51.5	900
	06-08	100.0	99.6	90.3	72.1	51.4	33.0	18.3	9.7	3.0	53.3	900
	09-11	100.0	89.9	63.2	36.3	20.0	10.1	5.6	3.1	1.0	38.7	900
	12-14	99.2	65.2	30.8	14.6	8.1	5.7	2.9	1.1	.3	28.3	900
	15-17	96.0	48.6	21.8	10.0	6.9	4.6	2.6	1.1	.1	24.3	900
	18-20	97.8	66.0	37.2	19.2	11.3	7.3	4.0	2.0	.4	30.1	900
	21-23	100.0	90.6	66.0	41.1	24.1	13.9	8.6	3.9	1.4	40.6	900
TOTALS		99.1	82.0	59.5	39.8	25.9	15.4	8.7	4.4	1.4	39.2	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID

67-70, 73-78

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	95.5	80.2	60.0	39.8	23.3	10.0	2.5	56.8	930
	03-05	100.0	100.0	98.1	84.2	64.8	47.2	28.2	13.8	2.4	59.6	930
	06-08	100.0	100.0	98.5	86.2	70.0	50.9	32.7	15.8	2.2	61.3	930
	09-11	100.0	98.8	83.0	60.2	38.1	23.1	13.5	5.9	.9	48.1	930
	12-14	100.0	86.5	53.1	26.9	13.4	7.3	4.9	1.6	.2	35.0	930
	15-17	99.7	74.9	41.6	18.7	10.8	7.4	4.3	1.4	.2	31.7	930
	18-20	100.0	95.3	71.4	45.5	26.7	16.0	9.1	3.5	1.0	42.3	930
	21-23	100.0	99.8	90.4	70.8	47.7	29.2	16.1	5.8	1.4	51.8	930
TOTALS		100.0	94.4	79.0	59.1	41.4	27.6	16.5	7.2	1.4	48.3	7440

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID

67-70,73-76

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.7	98.3	94.3	83.1	66.7	46.2	26.3	9.3	68.2	900
	03-05	100.0	100.0	99.2	95.2	86.0	69.1	49.6	31.3	9.2	69.5	899
	06-08	100.0	100.0	99.8	96.4	87.9	71.1	51.3	34.0	8.8	70.5	899
	09-11	100.0	100.0	98.0	90.1	76.1	55.0	37.9	22.3	7.8	64.4	900
	12-14	100.0	99.2	89.7	68.7	47.2	30.9	19.6	9.8	4.4	52.6	900
	15-17	100.0	98.1	84.4	62.0	43.6	28.3	17.6	9.2	3.6	50.3	900
	18-20	100.0	99.7	96.9	83.4	67.3	46.7	29.3	15.4	5.1	60.2	900
	21-23	100.0	99.7	98.0	93.3	79.4	62.6	42.2	23.0	7.6	66.2	900
TOTALS		100.0	99.6	95.5	85.4	71.3	53.8	36.7	21.4	7.0	62.7	7198

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC

STATION

STATION NAME

4552

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	98.9	95.5	87.7	64.2	26.3	3.1	72.9	929
	03-05	100.0	100.0	99.7	99.6	96.3	87.7	65.7	28.5	3.9	73.5	929
	06-08	100.0	100.0	99.9	99.4	96.8	88.7	64.8	27.7	5.2	73.7	930
	09-11	100.0	100.0	99.9	98.4	93.4	77.6	52.5	24.5	2.8	70.3	930
	12-14	100.0	99.8	99.0	92.6	72.3	48.0	28.4	13.9	2.3	61.1	930
	15-17	100.0	99.9	98.3	91.0	70.0	44.9	25.4	12.6	1.7	59.9	929
	18-20	100.0	100.0	99.6	98.2	92.1	70.3	46.2	21.6	3.2	68.6	927
	21-23	100.0	100.0	100.0	99.2	94.7	83.7	59.6	27.4	4.1	72.3	926
TOTALS		100.0	100.0	99.5	97.2	88.9	73.6	50.9	22.8	3.3	69.0	7430

FORM
H-11-4-4

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24106 MOUNTAIN HOME AFB ID
STATION STATION NAME

67-70,73-79
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	97.8	90.0	74.3	52.5	26.7	8.5	70.4	7434
FEB		100.0	99.9	98.8	94.2	84.2	67.4	44.8	22.9	6.2	67.3	6768
MAR		100.0	98.7	89.9	75.3	58.9	41.9	23.5	10.0	1.9	55.6	7439
APP		99.6	92.3	76.7	58.4	42.1	25.8	12.6	4.7	1.0	46.8	7179
MAY		99.3	87.9	67.3	48.0	30.2	16.7	8.9	3.8	.8	41.9	7439
JUN		98.1	78.8	58.3	41.3	26.7	17.3	10.7	5.2	1.4	39.4	7199
JUL		96.2	69.3	44.7	25.7	14.2	7.4	3.9	1.6	.4	31.9	7348
AUG		96.4	70.6	45.9	27.9	17.4	10.9	7.2	4.2	2.2	33.8	7433
SEP		99.1	82.0	59.5	39.8	25.9	15.4	8.7	4.4	1.4	39.2	7200
OCT		100.0	94.4	79.0	59.1	41.4	27.6	16.5	7.2	1.4	48.3	7440
NOV		100.0	99.6	95.5	85.4	71.3	53.8	36.7	21.4	7.0	62.7	7198
DEC		100.0	100.0	99.5	97.2	88.9	73.6	50.9	22.8	3.3	69.0	7430
TOTALS		99.1	89.5	76.3	62.5	49.3	36.0	23.1	11.2	3.0	50.5	87507

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

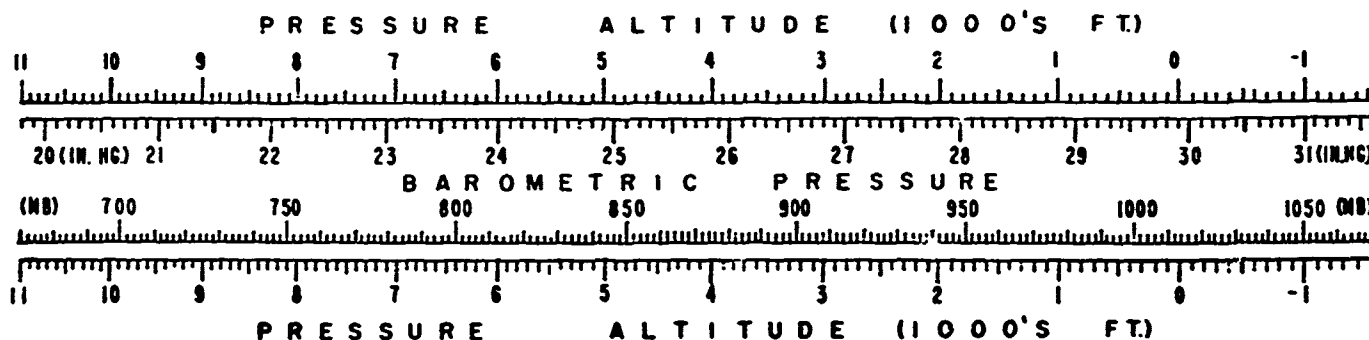
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24106 MOUNTAIN HOME AFB ID

67-70, 73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
02	MEAN	26.955	26.936	26.857	26.837	26.827	26.822	26.837	26.831	26.874	26.938	26.958	26.956	26.885											
	S D	.230	.206	.189	.159	.138	.118	.086	.088	.125	.157	.195	.210	.173											
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651											
05	MEAN	26.954	26.934	26.858	26.843	26.842	26.840	26.861	26.849	26.888	26.945	26.961	26.960	26.894											
	S D	.233	.209	.190	.164	.141	.118	.084	.087	.127	.159	.196	.209	.173											
	TOTAL OBS	309	282	309	299	310	300	310	310	300	310	300	310	3649											
09	MEAN	26.961	26.945	26.878	26.873	26.870	26.868	26.896	26.885	26.971	26.977	26.968	26.917	26.917											
	S D	.232	.214	.195	.166	.145	.121	.086	.089	.111	.161	.196	.212	.174											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
11	MEAN	26.986	26.963	26.888	26.874	26.864	26.859	26.890	26.884	26.924	26.980	26.995	26.992	26.925											
	S D	.230	.217	.195	.163	.142	.121	.087	.089	.129	.160	.198	.215	.176											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
14	MEAN	26.944	26.927	26.850	26.877	26.828	26.818	26.845	26.841	26.880	26.933	26.953	26.946	26.883											
	S D	.227	.215	.194	.158	.138	.121	.089	.088	.127	.157	.194	.211	.173											
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651											
17	MEAN	26.941	26.909	26.826	26.803	26.793	26.782	26.798	26.795	26.841	26.908	26.941	26.946	26.857											
	S D	.221	.211	.189	.155	.134	.119	.091	.090	.124	.155	.191	.205	.175											
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	309	3649											
20	MEAN	26.949	26.918	26.835	26.804	26.793	26.781	26.793	26.791	26.845	26.919	26.949	26.956	26.861											
	S D	.220	.210	.182	.154	.131	.118	.091	.091	.125	.156	.193	.204	.175											
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	309	3649											
23	MEAN	26.954	26.927	26.854	26.829	26.820	26.810	26.823	26.817	26.867	26.933	26.957	26.963	26.879											
	S D	.224	.211	.184	.156	.134	.116	.089	.089	.125	.157	.195	.208	.174											
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	309	3649											
ALL HOURS	MEAN	26.955	26.932	26.856	26.838	26.829	26.823	26.843	26.837	26.880	26.941	26.961	26.961	26.888											
	S D	.227	.212	.190	.161	.140	.123	.095	.095	.130	.159	.195	.209	.176											
	TOTAL OBS	2479	2256	2479	2394	2480	2400	2480	2477	2400	2480	2400	2477	29202											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

24106 MOUNTAIN HOME AFB ID

67-70, 73-79

STATION		YEARS												
STATION NAME														
HRS IL ST.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1021.2	1019.6	1015.8	1014.2	1012.7	1011.4	1011.0	1011.2	1013.7	1017.6	1019.8	1020.8	1015.7
	S D	9.436	8.235	7.375	6.434	5.441	4.853	3.494	3.718	5.304	6.390	7.700	8.444	7.626
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
05	MEAN	1021.3	1019.6	1015.8	1014.5	1013.3	1012.3	1012.0	1011.9	1014.3	1018.0	1020.0	1021.1	1016.2
	S D	9.557	8.367	7.451	6.544	5.547	4.808	3.409	3.639	5.350	6.458	7.814	8.449	7.549
	TOTAL OBS	310	282	309	299	310	299	310	310	300	310	300	310	3649
08	MEAN	1022.0	1020.4	1017.0	1015.8	1014.4	1013.1	1013.2	1013.4	1016.0	1019.6	1021.2	1021.8	1017.3
	S D	9.638	8.661	7.674	6.592	5.544	4.830	3.385	3.633	5.426	6.603	7.895	8.673	7.588
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	1022.8	1020.8	1017.1	1015.7	1014.1	1012.8	1013.1	1013.3	1015.8	1019.5	1021.5	1022.5	1017.4
	S D	9.477	8.697	7.552	6.396	5.426	4.826	3.431	3.580	5.354	6.450	7.843	8.699	7.668
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
14	MEAN	1020.9	1019.2	1015.5	1014.2	1012.7	1011.3	1011.3	1011.5	1013.9	1017.5	1019.7	1020.5	1015.6
	S D	9.328	8.581	7.542	6.229	5.340	4.915	3.560	3.599	5.240	6.256	7.563	8.496	7.522
	TOTAL OBS	309	282	310	299	310	300	310	310	300	310	300	310	3650
17	MEAN	1020.9	1018.5	1014.6	1012.9	1011.5	1010.0	1009.6	1009.9	1012.5	1016.6	1019.3	1020.6	1014.7
	S D	9.091	8.381	7.381	6.151	5.233	4.894	3.644	3.751	5.173	6.205	7.509	8.324	7.713
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	309	3649
20	MEAN	1021.5	1019.3	1015.3	1013.1	1011.4	1009.8	1009.3	1009.9	1013.1	1017.7	1020.1	1021.4	1015.1
	S D	9.120	8.482	7.235	6.199	5.110	4.790	3.611	3.784	5.289	6.329	7.725	8.345	7.947
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	299	308	3647
23	MEAN	1021.4	1019.4	1015.8	1014.0	1012.4	1011.0	1010.5	1010.8	1013.6	1017.6	1020.1	1021.4	1015.7
	S D	9.226	8.464	7.207	6.250	5.288	4.796	3.591	3.738	5.280	6.342	7.771	8.482	7.737
	TOTAL OBS	310	281	310	299	310	300	310	309	300	310	300	308	3647
ALL HOURS	MEAN	1021.5	1019.6	1015.9	1014.3	1012.8	1011.5	1011.2	1011.5	1014.1	1018.0	1020.2	1021.2	1016.0
	S D	9.366	8.499	7.460	6.419	5.460	4.965	3.767	3.889	5.414	6.445	7.749	8.501	7.721
	TOTAL OBS	2479	2255	2479	2393	2480	2399	2480	2477	2400	2480	2399	2475	29196